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SECTION I

DESCRIPTION OF SERVICES

1. PROGRAM OVERVIEW

Contractor shall provide all personnel, equipment, test equipment, tools, and materials (not identified in TE-2 Government Furnished Equipment). Contractor shall provide management, training, installation, removal, repair, operations, maintenance scheduled and unscheduled, supervision, and logistic support, computers and computer peripherals, office supplies and cellular phones for Base Communications, and Long-Haul Communications requirements as defined in the Statement of Work (SOW), except as specified in Section III, Government Property and Services. Additional communication support at other locations in Turkey shall be considered within scope of this contract for future requirements. Contractor shall follow all applicable Air Force Instructions, local publications and incorporate Best Commercial Practices where applicable. Contractor shall insure minimum disruption of service during all maintenance actions, emergency repair actions, fault isolation, and equipment and circuit modifications. Contractor shall be responsible for the communication functions included, but not limited to:

COMMUNICATION FUNCTIONS

Location by Country and Name			LO	NG H	AUL A	ND BA	SE CO	MMUN	ICATI(ONS		
	Antenna Maintenance	Systems Control Facility (SCF)	Audio/Visual Maintenance	Maintenance Control	Material Control	Telephone Systems Maintenance	Telephone Operations	Intrusion Detection System	Local Area Network (LAN)	SIPRNET	PAS (Giant Voice)	VTC
						TUI	RKEY					
American (U) Consulate Adana						Yes						
Ankara (ODC)(M)		Yes				Yes				Yes		Yes
Ankara Support Facility (ASF) (U)						Yes				Yes		
Eskisehir (U)			Yes			Yes		Yes	Yes			
Incirlik (M)	Yes		Yes	Yes	Yes	Yes	Yes				Yes	
Izmir (M)		Yes	Yes			Yes						
Konya Bombing Range (U)	Yes					Yes						
Yumurtalik (U)						Yes						

Note: The following location are either Manned (M) or Unmanned (U)

1.1. COMMUNICATIONS MAINTENANCE REQUIREMENTS

Contractor shall provide preventive, organizational, and intermediate level maintenance on all Government Furnished Equipment (GFE) at all locations identified within Section III and as specified in Air Force Instruction (AFI) 21-116 chapters 2, 3, 4, and 5. The maintenance level of GFE will be accomplished in accordance with applicable technical orders and commercial manuals.

1.1.1. Technical Order Distribution Office (TODO)

The contractor shall manage the TO files IAW AFPD 21-3, TO 00-5-1 (1.4.2), and TO 00-5-2. The contractor shall establish a Technical Order Distribution Office (TODO). Compliance with TOs is mandatory and shall be maintained IAW TO 00-20-1, 00-20-2, and AFI 21-116.

1.1.2. UNSCHEDULED MAINTENANCE

Contractor shall perform unscheduled maintenance on all equipment items where an equipment deficiency exists or as a modification from a downward directed requirement from Global Information Grid (GIG) administrative agencies when received.

- **1.1.2.1.** Contractor shall utilize all necessary maintenance actions as required in AFI 21-116 chapters 2, 4, and 5 in attempting to repair problems or outages as expeditiously as possible.
- **1.1.2.2.** Contractor shall utilize cannibalization as outlined in AFI 21-116, Para 4.15.
- **1.12.3.** Contractor shall collect information for the Maintenance Data Collection forms IAW AFI 21-116, Chap 5 para. 5.26.

1.1.3. PREVENTIVE MAINTENANCE INSPECTIONS (PMI)

Contractor shall perform all PMIs IAW AFI 21-116 Chap. 5 para. 1.3, obtain appropriate authorization to perform RED and AMBER PMIs, and notify maintenance control and Facility Control Office (FCO) immediately prior to starting and after completing RED or Amber PMIs IAW Defense Information Systems Agency Circular (DISAC) 310-70-1.

- **1.1.3.1.** The contractor is required to obtain approval prior to any PMI being performed (Red-Amber) with the exception of green PMI's which do not require any user notification or release because they are real-time and do not affect the users operational status.
- **1.1.3.2.** FCO is immediately notified of PMI before start and after completion regardless of time of the event, Maintenance Control is notified the first normal duty they return to work after the weekend or holiday.

1.1.4. MASTER STATION LOG (MSL)

Contractor shall maintain a MSL In Accordance With (IAW) DISAC 310-70-1, Chap 9 to show all maintenance including RED and AMBER PMIs performed during each 24-hour period.

1.1.5. REPORTING PROCEDURES

Contractor shall report any Hazardous Condition (HAZCON) to the appropriate agencies IAW DISAC 310-55-1 Chap. 1 para. C1.8, Status Reporting for GIG.

1.1.5.1. Contractor shall provide status briefing information to the host base maintenance control as required for briefing to the Communications Squadron Commander and/or Flight Commanders on all communications equipment status and open maintenance actions.

1.1.6. WARRANTIES

Contractor shall comply with all conditions called for by the manufacturer to retain the benefits of the guarantee or warranty. Only if authorized in writing with the specific approval of the Chief of Maintenance, shall the contractor break the seal, dismantle, or modify sealed equipment under manufacturer guarantee or warranty.

1.1.7. MAINTENANCE CONTROL

Contractor shall perform work center maintenance control actions and act as the single focal point for all maintenance activities for communications circuits and equipment listed in Section III IAW AFI 21-116, Chap 4 para 4.6.

- **1.1.7.1.** Contractor shall provide a standby contact procedure for all maintenance control activities after normal duty hours. Provide current briefings of activities changing mission status of communications equipment. (**Ref TE 4**) Contractor shall monitor all applicable maintenance activities by database tracking utilities, which include but are not limited to Core Automated Maintenance System (CAMS). (**Ref TE 4**) Contractor shall serve as single point of contact to provide customer telephone and cable circuit updates using REMEDY software or government approved equivalent databases. Maintenance Control will perform updates and notify customer.
- **1.1.7.2.** Contractor shall provide workcenter reports of exercise status, weather conditions, and other alerting measures as required by Chief of Maintenance and detailed accounts of all maintenance transactions. (**Ref TE 4**) Contractor shall coordinate status changes with all concerned agencies. Contractor coordination procedures shall be included in local directives and include the start time and Estimated Time of Return to Operation (ETRO). ETRO's will be updated as required by Maintenance Control.

1.1.8. CORE AUTOMATED MAINTENANCE SYSTEM (CAMS)

Contractor shall report and validate equipment and mission status to higher headquarters using the Equipment Status Report (ESR) subsystem in the CAMS IAW AFI 21-116, Chap 4 para 4.6 and AFCSM 21-556 Vol II through 21-579 Vol II.

- **1.1.8.1.** Contractor shall input maintenance events and status of jobs that change equipment status into CAMS IAW AFCSM 21-556 Vol II through AFCSM 21-579 Vol II and AFI 21-103 in TE3, Chap 6 to process ESR information.
- **1.1.8.2.** Contractor shall comply with host database policies for background processing, and coordinate with the host database manager to ensure Communications Delete History is

processed monthly, to correct processing problems or suspected software problems, and to work off-line/pseudo processing IAW AFI 21-116 Chap. 4 para 4.19.

1.1.8.3. Contractor shall utilize CAMS to prepare and maintain a Master Maintenance Schedule (MMS) to include PMIs, routine maintenance and equipment installations or removals. Maintenance Support or applicable work center will have contractor send the schedule, annotated with Job Control Numbers, to the applicable host base maintenance control and Quality Assurance Personnel (QAP) office as required. Maintenance Control will work with workcenters to insure all equipment requiring recurring maintenance is listed in the PMI listing

1.1.9. MATERIAL CONTROL

Contractor shall manage property control documents, provide assistance to customers and the following:

The contractor shall perform materiel control functions IAW AFI 21-116.

The contractor shall adhere to Air Force issue procedures and the priority system IAW AFM 23-110.

The contractor shall establish adjusted stock levels IAW AFM23-110, when demand levels are not adequate or do not exist to ensure uninterrupted operations.

The contractor shall establish and maintain bench stock IAW AFM 23-110, for expendable items, which are used on a regular basis.

The contractor shall follow repair cycle operations IAW AFM 23-110, Vol. 2, Part 13, TO 00-20-3 and TO 00-20-2.

The contractor shall establish positive control and efficient management of tools IAW AFM 23-110 and AFI 21-101. The contractor shall maintain a tool inventory list.

- **1.1.9.1.** Contractor shall establish and monitor request priorities and coordinate with the traffic management office to establish pick-up and drop off procedures.
- **1.1.9.2.** Contractor shall utilize the prescribed Air Force (AF) supply procedures for obtaining depot level maintenance for equipment listed in Section III.
- **1.1.9.3.** Contractor shall coordinate with the local base supply or Traffic Management Office for pick-up and deliveries of supplies.

1.1.10. TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)

Contractor shall be responsible for safe guarding, storing, and turning in test equipment for calibration or disposition according to calibration schedules. Test equipment provided is listed in section III Government furnished equipment.

1.1.11. EQUIPMENT or CIRCUIT INSTALLATION and/or REMOVAL

Contractor shall be required to perform equipment or circuit installation and/or removal IAW DISA directives. The contractor shall not be expected to handle all technical aspects of a

major system upgrade; however, all routine projects for installations or removals shall be accomplished by the contractor.

1.1.12. TIME COMPLIANCE TECHNICAL ORDER (TCTO)

Contractor shall perform all TCTO modifications to items of government furnished equipment only upon receipt of U.S. Government issued modification directives IAW AFI 21-116, Atch 6.

1.2. BASE COMMUNICATIONS

1.2.1. ANTENNA MAINTENANCE

Contractor shall provide maintenance and operational support to High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), microwave antennas, Radio Frequency (RF) cable, and dehydrators. Contractor shall ensure areas within and 50 feet beyond antennas are maintained within industrial standards, providing an optimal ground plane

1.2.2. PERSONNEL ALERTING SYSTEM (PAS)/GIANT VOICE

Contractor shall provide maintenance, repair, and operational support of the Personnel Alerting System/Giant Voice. When needed, contractor shall coordinate with host base vehicle operations for use of high reach vehicle with operator.

1.2.3. AUDIO/VISUAL MAINTENANCE

Contractor shall provide maintenance, repair, and operational support to the Base Cable TV Systems, Public Address Systems, and Facility Public Address System. Contractor shall setup, tear down, and monitor performance of portable Public Address Systems during events, scheduled or unscheduled.

- **1.2.3.1.** The contractor shall install, maintain, align, repair, and remove all parts of the base cable TV system to include all parts of the system, i.e., cable, connectors and amplifiers. The contractor shall design and install new branches to the main system.
- **1.2.3.2.** Install cable television cable to 18 contingency buildings. The buildings require a cable drop in all 256 rooms. Install wall faceplate and connect cable to faceplates and connect to base cable television system.

1.2.4. TELEPHONE SYSTEM MAINTENANCE

Contractor shall be responsible for the maintenance and operation of all base telephone systems including telephone equipment and telecommunications cable from demarcation point to end user equipment within/around all buildings. The telephone system demarcation point is defined as the point where Outside Plant Telecommunication Distribution Cabling ends on approved terminal equipment: I.E. - Nearest pole mounted or strand mounted terminal, buried distribution terminal or building entrance terminal and is to include all house and or drop wiring from above distribution/demarcation points.

1.2.4.1. Contractor shall maintain, repair, install, remove, and relocate Defense Red Switched network (DRSN) Phone Terminal equipment, circuits, house cable, Crypto

equipment, modems, dual phone adaptor, interface telephone unit, and other associated equipment. Contractor shall assist with the installation, removal, and relocation of all modems, facsimile and other similar communications equipment, as approved and directed by the Base Communication Systems Officer (CSO).

1.2.4.2. INSIDE PLANT & EQUIPMENT MAINTENANCE

Contractor shall provide maintenance and operational support to include, but not limited to, switch equipment and base main distribution frame. Contractor shall provide new telephone service and changes to existing service; process automated call accounting from switches (all are configured to support auto call accounting); provide reports to unit Telephone Control Officers (TCO's). Contractor shall evaluate and provide service requests; perform programming changes for telephone numbers and class of service, and activate special features. Contractor shall coordinate all troubleshooting of end-to-end circuit problems with government or other operating agencies, for example, local telecom. Contractor shall maintain all applicable inside plant records including any host base Geographically Separated Unit's (GSU); serve as a single point of contact for all telephone communications outages in coordination with Maintenance Control. Contractor shall assist in regular trunk usage studies on leased tie lines and commercial exchange trunks verifying cost effectiveness.

1.2.4.3. OUTSIDE PLANT & EQUIPMENT MAINTENANCE

Contractor shall be responsible for, but not limited to, maintaining, repairing, installing, and relocating telephone instruments, telephone key system equipment, CM-8 and PG-Flex multiplexers, circuits, M5312 and M5316 P-Phones, ISDN M5317 telephone sets house cable, Local Area Network (LAN) cabling, modems, facsimile, fiber-optic, and other similar or associated communications materials and equipment. Installation of all buried cabling (Audio Video function) shall be installed in accordance with Telecommunications Industry Association/Electronic Industries Alliance (TIA/EIA) standards. All above ground exterior cabling entering buildings shall be placed IAW TIA/EIA Standards. Contractor shall coordinate all troubleshooting of end-to-end circuit problems with government or other operating agencies. Contractor shall inspect all communication house cables and associated connectors according to best commercial practices. Contractor shall maintain all telephone maintenance records, cable records and other forms as required by local base cable infrastructure policy.

1.2.5. INCIRLIK UNIQUE:

Contractor shall conduct a telephone terminal verification of all terminals in U.S. government buildings on Incirlik AB every 18 months and send a report to 39 CS/SCM Flight Maintenance Superintendent and 39 CS/SCM Flight Commander. Verification reports will identify but not be limited to, the following items: terminal condition, jumper verification, labeling of terminal, status of unused cable pairs, and clearing of jumper wire from unused pairs at the field end. (**Ref TE-4**)

1.2.5.1. TELEPHONE OPERATIONS

Contractor shall perform all duties and tasks required, but not limited to, providing 24 hours per day, 7 days a week (24/7) switchboard operator service, providing electronically available

base telephone directory with monthly updates, producing and updating the base telephone directory annually, connecting calls, providing directory assistance, placing and tracking commercial toll calls. (Ref TE 4) Contractor shall collect, maintain, and provide workload and management information data for services provided. Contractor shall provide operator assistance to any user on Incirlik as requested and assistance for all Defense Switched Network (DSN) precedence, overseas DSN, conference, morale, and all authorized/official calls which cannot be accessed by the customer. Contractor shall provide customer education and support to base and GSU TCO's. Contractor shall validate, along with the TCO's, active telephone lines and those no longer required. Contractor shall test emergency number at each shift change and document all significant actions and customer complaints on a daily activity report. Contractor shall conduct tests of "Minimize" operational status and line checks daily. Contractor shall provide traffic analysis and toll tickets to base TCO monthly. Contractor shall maintain a file of all commercial telephone bills with supporting documentation and a copy of AF 1072.

1.2.6. ANKARA UNIQUE

- **1.2.6.1.** Secure Internet Protocol Router Network (SIPRNET) Local Area Network (LAN) Administration. Contractor shall follow guidance and standards as developed by Air Force Instructions, MAJCOM, and other applicable directives. Contractor shall perform all below listed SIPRNET LAN administration functions.
- **1.2.6.1.1.** Contractor shall administer E-mail Host, Simple Mail Transfer Protocol (SMTP) Link, Network Management System (NMS), and workstations.
- **1.2.6.1.2.** Contractor shall monitor network performance, maintain databases, and provide advice and assistance to network users.
- **1.2.6.1.3.** Contractor shall be the E-mail postmaster for the SIPRNET LAN.
- **1.2.6.1.4.** Contractor shall support engineering requirements and provide advisory service for current and future SIPRNET projects.
- **1.2.6.1.5.** Contractor shall develop and implement local base network security policy IAW established directives. Contractor shall develop procedures for reporting and responding to SIPRNET LAN related stand-alone and network security incidents, and reporting security anomalies to appropriate authorities IAW established directives.
- **1.2.6.1.6.** Contractor shall operate video-teleconferencing equipment as required.
- **1.2.6.2. SIPRNET Maintenance** Contractor shall operate, maintain, install, align, repair, and remove routers, crypto, hubs, and modems which collectively comprise the SIPRNET LAN infrastructure.

1.3. LONG HAUL COMMUNICATIONS

Note: DISA and AFI publications take precedence over commercial manuals and local regulations/policies.

1.3.1. SYSTEMS CONTROL

Contractor shall provide acceptable and responsive services to include circuit restoration, fault isolation, quality control testing, in-service quality checks, trend analysis, performance monitoring IAW performance monitoring program, status reporting, and other actions required by policies, responsibilities, and operational procedures contained in applicable DISA and DISA-EUR circulars found in Section TE3. Contractor shall interface, respond, and report to the applicable FCO as required. Systems Control functions apply to government owned circuits, government leased circuits, and equipment and facilities.

1.3.1.1. CONNECTIONS

Contractor shall make necessary physical and electrical connections IAW (in order of precedence) all applicable DISA and DISA-EUR publications, military standards, and commercial manuals. Contractor shall perform physical connections on frames, patch panels, cabling, and equipment by making cross connects and building connectors. Contractor shall perform electrical connections to include, but not limited to, Digital Patch and Access System (DPAS), Time Division Multiplexing (TDM), Frequency Division Multiplexing (FDM), Integrated Digital Network Exchange (IDNX) and Automated Digital Network Exchange (ADNX) equipment. Contractor shall perform hardware configurations of multiplexers and modems as required in compliance of TSO. Contractor shall maintain labeling of the physical connections to identify current circuit record information.

1.3.1.2. REPORTING PROCEDURES

Contractor shall accomplish reporting, tracking, and monitoring procedures IAW publications listed in TE-3 as applicable to the site's assigned reporting level either FCO, Intermediate Control Office (ICO), Communications Control Office (CCO) or other. Specific status reporting shall be IAW DISAC 310-55-1 Chap. 1 and DISA EUR Sup 2. Required reports are listed in TE-4.

1.3.1.3. FACILITY DATA INFORMATION

Contractor shall maintain and update a facility link database and comply with the reporting procedures IAW DISAC 300-85-1 Chap 2. Contractor shall provide narrative descriptions of facilities every 6 months IAW DISAC 300-85-1 Chap. 1. Contractor shall provide schematic type input on the trunks, systems, and facilities IAW DISAC 300-85-1 Chap 2.

1.3.1.4. OPERATIONS

Contractor will perform quality control checks, fault isolation, testing, and troubleshooting. Contractor shall provide alternate routing during times of circuit outages and degradation. Contractor shall perform maintenance, reporting, and analysis. Contractor shall coordinate with all agencies both government and telecoms for system downtime to upgrade equipment, scheduled/unscheduled maintenance and equipment configuration/reconfigurations.

1.3.1.5. CONTINGENCY PLANS

Contractor shall develop, maintain, and execute contingency plans for exercises and real world contingencies IAW local, downward directed, and DISA contingency operations and directed plans. Contractor shall develop, maintain, and execute local restoration plans for critical circuits and systems IAW local, downward directed, and DISA contingency operations and directed plans. Contractor shall be able to implement plans as needed. Copies of the local restoration plans shall be submitted to the FCO and DISA Europe as required in DISA-E 310-70-1 Sup 2.

1.3.1.6. SERVICE PROVISIONING/CIRCUIT ACTIONS

Contractor shall perform procedures necessary and coordinate with other SCF, DISA facilities, or commercial vendors for activating, deactivating, or changing various types of service IAW DISA DISAC 310-70-1 Chap 8. Contractor shall develop and track Request For Service (RFS) actions as downward directed or needed for circuits starts, changes, or discontinuations. Contractor shall direct and track all actions to support circuit requirements to include changes, additions, and deletions of local base cable connectivity with appropriate host base communications squadron's workcenters as required to meet TSO. Contractor shall send GIG user education letters as required by DISA 310-70-1 Chap 8. Contractor shall submit applicable completion reports IAW DISA 310-70-1 Chap 8 Para. 8.4 for those circuit actions as directed within the TSO or as other situations dictate. Contractor shall submit the reports to the applicable Host Base Communication Center for transmission via LAN or courier.

1.3.1.7. RECORDS/FILES/DIAGRAMS

Contractor shall maintain link, trunk, and circuit history folders IAW DISAC publications listed in Section C-6. Contractor shall maintain a master list of significant events, MSLs, circuit outage records, restoration records, and HAZCON tickets IAW DISAC 310-70-1 Chap. 9. Contractor shall utilize applicable forms and DISA approved computer software for maintaining these records. Contractor shall maintain a general message file to include DISA European Defense Station (EURDEFSTA), European Defense Switched Networks Stations (EURDSNSTA), European Defense Satellite Stations (EURSATSTA), etc, as applicable to each station. Contractor shall create, maintain, and update circuit data and diagrams, systems diagrams, station diagrams, and system timing and synchronization diagrams.

1.4. NON-COMMUNICATIONS/ADMINISTRATIVE REQUIREMENTS

1.4.1. FILES and ADMINISTRATION REQUIREMENTS

Contractor will determine if each work center needs a Customer Account Representative (CAR) and maintain a library of publications pertinent to that site or facility. When feasible, more that one work center may fall under a single CAR; however at least one CAR will be identified. The publications library shall be IAW DISAC 310-70-1, and DISAE Sup 3 to DISAC 310-70-1.

1.4.1.1. Contractor shall manage the Technical Order (TO) files IAW AFPD 21-3, TO 00-5-1, and TO 00-5-2 to include establishing a Technical Order Distribution Office (TODO).

Compliance with TOs is mandatory and shall be maintained IAW TO 00-20-1, 00-20-2, and AFI 21-116.

1.4.1.2. Contractor shall retain and keep official files, manuals, charts, and drawings using best commercial practices. Contractor shall develop file plans for all work centers and manage the filing and disposition of records using best commercial practices. All official documentation shall be maintained in English. All official documentation and files created, managed, and received by the contractor in regard to operation and maintenance of the systems, equipment and site(s), whether they be in the form of regulations, manuals, electrical messages, letters, etc, shall be transferred to any follow-on O&M contractor or agency.

1.4.2. CUSTODIAL SERVICES

Contractor shall provide custodial services for all facilities and areas under their responsibility. Contracted personnel shall perform cleaning and minor user maintenance of working, living, and communications usage areas.

1.4.3. SAFETY

Contractor shall establish a safety and accident prevention program in compliance with all applicable Occupational Safety and Health Administration (OSHA) and Air Force Occupational Safety and Health (AFOSH) Standards. Furnish a copy to the Administrative Contract Officer (ACO). (**Ref TE 4**)

1.4.4. SECURITY AWARENESS

Contractor shall ensure all site personnel receive annual and recurring SATE training.

1.4.4.1. INFORMATION ASSURANCE AWARENESS PROGRAM (IAAP)

Contractor shall comply with host base IAAP program and related publications as listed in TE-3.

1.4.5. BUDGET

Contractor shall exercise financial management practices in developing, updating and submitting budgets including long-range budgeting. Submit annual budget requirements according to each host base resource management's instruction for operations covered within the SOW in accordance with AFI 65-601 VII para 2.4.

1.4.6. SUPPLIES

Contractor shall arrange for pick-up, delivery, and distribution of base communication supplies and materials supporting the mission. Contractor shall ensure adequate bench stock and supplies are on hand to meet minimum mission requirements. Items returned to the base supply system will be processed by Communications Squadron customers through the Material Control Office. Contractor shall manage government supply accounts and resources established for the contractor and provide updates to the government resource manager (Sq Resource Advisor) as necessary.

1.4.7. EMERGENCY OR SPECIAL EVENTS

Contractor shall provide extended service when required for accident, rescue operations, civil disturbances, weather warnings, exercises and base alerts. Contractor shall develop plan to handle contingency surges i.e., NEO, War. Short term events (7 Days) would be covered by the over and above CLIN. Long term events will be negotiated.

1.4.7.1. Contingency workload surge to include, as a minimum, acceptable management plans and procedures on how workload surges will be handled when military contingency operations (i.e. DESERT STORM, DELIBERATE FORCE, JOINT GUARDIAN, ENDURING FREEDOM, and IRAQ FREEDOM) are enacted.

1.4.8. C4 SYSTEMS INSTALLATION RECORD (CSIR)

Contractor shall accept, maintain, and update all CSIR information, facility historical records, directives, technical data, descriptive manuals and other documentation and related supporting data reflecting the physical details of the equipment and facilities. Systems currently use Microsoft Windows 2000 operating system. The Non-Secure Internet Protocol Router Network (NIPRNet) currently gets its IDS and Firewall support from Incirlik. Those functions are not hosted out of Eskisehir. For the systems under the control of the contractor, the contractor will not need to acquire the software but will be required to maintain software and software licenses. The current number of user population is 14.

1.4.9. REPAIR REQUIREMENTS

Contractor immediately reports problems or outages beyond their capability for repair to the QAP Office.

1.4.10. ESCORT DUTY

The contractor shall perform escort services at all locations for personnel requiring entry into the site for maintenance associated with equipment listed in Section III. The contractor shall provide site access and perform escort duties for Base Civil Engineer (BCE) personnel to perform their duties at locations for which the contractor has custodial responsibilities. The contractor shall escort contract related personnel within the ODC at Ankara. The contractor is not responsible to perform escorts for equipment and or services not listed in this SOW. The contractor shall ensure that the site is secure upon departure of all personnel. Site access and security will be IAW local directives.

1.4.11. INTERNET

Contractor personnel shall have access to the Internet for official use only and will be subject to the rules and stipulations established by the base NCC.

1.5. SITE UNIQUE REQUIREMENTS

1.5.1. INCIRLIK

1.5.1.1. Contractor shall perform the specific heavy weight rotatable log periodic antenna maintenance.

1.5.2. ANKARA

Contractor shall manage leased communications services to include, but not limited to, preparing, tracking, and filing requests for services. Contractor shall verify bills for leased telephone equipment, and maintain circuit and cable information on Turkish Telecom circuits serving three locations, Ankara, Eskisehir Ankara Support Facility and Istanbul.

1.5.3. ESKISEHIR

1.5.3.1. LAN ADMINISTRATION

Contractor shall follow guidance and standards as developed by Air Force Instructions, MAJCOM, and other applicable directives. Contractor shall perform all LAN administration functions including, but not limited to, operating and maintaining the Base File Server, Base Email Host, Simple Mail Transfer Protocol (SMTP) Link, Network Management System (NMS), routers, gateways, hubs, and modems which collectively comprise the Base LAN. Contractor shall serve as the E-mail Postmaster for the base, monitor networks performance, maintain databases and provide advice and assistance to network users. Contractor shall support engineering requirements and provide advisory service for current and future LAN projects.

1.5.3.2. INTRUSION DETECTION SYSTEMS (IDS) CLOSED CIRCUIT TV (CCTV)

Contractor shall install, maintain, align, repair, and remove all parts of the IDS and CCTV systems as required. Parts include, but not limited to, connectors, sensors, alarm processing equipment, cables, cameras, video distribution unit, video recorders, video multiplexer, video entry system, and monitors; see paragraph 3.2.4.4 for type of IDS equipment.

1.6. PERFORMANCE OF SERVICES DURING CRISIS DECLARED BY THE NATIONAL COMMAND AUTHORITY OR OVERSEAS COMBATANT COMMANDER

Contractor shall be required to perform all the functions of this contract during wartime or contingency operations, that are deemed mission essential. The 39 CS/CC determines mission essential functions, as he signs the mission essential letters

SECTION II

SERVICE DELIVERY SUMMARY

BASE COMMUNICATIONS

Performance	SOW Paragraph	Performance
Objective		Threshold
1. Data Requirements: Maintain and submit all forms, reports, logs, schedules, and maintenance actions	1.1, 1.2.4	90% of all data requirements are updated and tracked.
2. Unscheduled Maintenance: Respond to Outages, Trouble Calls, Faults, and Complete repairs.	1.1.1	100% Response to outages, trouble calls, and faults and repairs completed.
3. Telephone System Maintenance	1.2.4	100% of all maintenance will be conducted; 90% of maintenance will be accomplished as scheduled.
4. Personnel Alerting System (PAS)/Giant Voice requests	1.2.2.	90% of PAS equipment maintenance will be conducted as scheduled and required by manufacturers standards.

LONG HAUL COMMUNICATIONS

Performance	SOW	Performance
Objective	Paragraph	Threshold
1. Data Requirements: Maintain and submit all forms, reports, logs, and schedules.	1.1	90% accuracy in maintaining and submitting all forms, reports, logs and schedules
2. Circuit Restoration.	1.3.2	95% of all circuit degradation will be documented correctly and have the correct performance standard applied
3. Circuit Actions	1.3.2.6	Provide 100% of all required links, trunks, channels, and circuits with 95% accuracy of required data
4. Alarm Systems	1.3.2	100% of all alarms will be investigated with a 95% accuracy rate of notifying the correct maintenance activity
5. Ancillary Equipment	1.1.11, 1.3.2.4	100% of ancillary equipment will be installed; 90% will meet all test standards
6. Contingency Plans	1.3.2.5	100% of all contingency plans will be maintained with 98% accuracy
7. Communications Maintenance	1.1	100% of all maintenance will be conducted; 90% of maintenance will be accomplished as scheduled
8. Cryptographic (Crypto)	1.3.2.4, 1.4.1	100% of all crypto key changes will be conducted 95% of the time within the specified time frame

SECTION III

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3. GENERAL INFORMATION

The Government shall provide the facilities, equipment, materials, records, and/or services listed below. All Government property used by the contractor shall be accounted for in accordance with the Government Property Clause FAR 52.245-2. Government Property Fixed Priced Contracts.

3.1. GOVERNMENT-FURNISHED PROPERTY

Facilities: The Government shall provide or make available to the contractor the facilities described below. Prior to any facilities modifications performed by the contractor, the contractor shall provide the Contracting Officer (CO) documentation describing in detail the facility modification required. No modifications to facilities shall be made without specific written permission from the CO. Contractor shall return the facilities to the Government in the same condition as received; fair wear and tear and approved modifications excepted. Damage to GFP will be reported by contractor in accordance with TE-4. These facilities shall be used for performance of this contract only.

LOCATION	DESCRIPTION	BLDG NO/ROOM NO	SQ FT
INCIRLIK	Maintenance Control	470, Room 8	200
	Contract Manager's	682, Room 103	250
	Office		
	Telephone maintenance	682, Room 101/102	480
	Quality Control	682, Room 114	55
	Antenna Maintenance	682, Room 113	120
	Telephone Ops – Admin	478, Room 10	210
	Telephone Ops Area	478, Room 12	210
	Telephone Ops Office	478, Room 14	168
	Antenna – Open Storage	680	Around bldg.
	Antenna – Storage		Around bldg.
	Audio/Video	678, Room 11/14	300
	Maintenance		
ANKARA	ODC – Telephone Switch	354B, Room 24	490
	ODC – Telephone Multi	354B, Room 17b	184
	Distribution Frame		
	ODC – Telephone Systems	354B, Room 24B	224
	Maintenance		
	ODC – Telephone Battery	354B, Room 24A	100
	ODC – Admin. Office	354B, Room 18	144
	ASF – Meridian Option 11-C	School	120
	ASF – Key System	2080, Comm. Closet	100

	ASF – Key System	2621, Comm Closet	100
IZMIR	Telephone Switch Ops	48, room 710A	798
	Telephone Battery	48, room 710B	176
AMERICAN CONSULATE ADANA	Telephone Systems Maintenance	7 th Floor Communications Closet	64
ESKISEHIR	Telephone Systems Maintenance; LAN Administration: IDS Maintenance	Ataturk Bulvari 170/10 Pemosan Apt 26040,	184
KONYA BOMBING RANGE	Telephone Systems Maintenance	Portable Container	160
YUMURTALIK	Telephone Systems Maintenance	Main BLDG, Comm Room	120

Long Haul Facilities

SITE	BUILDING
Ankara, Systems Control Office	ODC, Room 15, 1200 sq. ft
Izmir, Systems Control Office	Akin, Room 804, 600 sq.ft

*Note: Izmir will change after move to Hilton

3.2. GOVERNMENT FURNISHED-EQUIPMENT (GFE)

The Government shall provide the contractor equipment listed below. Contractor is authorized to utilize GFE and shall manage the equipment in accordance with the provisions of the 'Government Property' clause of this contract. Contractor shall submit requests for replacement of GFE required in the performance of the contract to the FAC and CO for approval and any appropriate contract modification. Contractor shall submit damage report for any GFE in accordance with TE-4.

- **3.2.1.** Government will furnish the following Equipment Authorized In-Use Details (EAID) Government owned equipment. The Air Force Equipment Management System (AFEMS) accounts for the EAID equipment utilizing the Custodial Authorization/Custody Receipt Listing (CA/CRL) and the Information Processing Maintenance System (IPMS). The Host Base Chief of Supply shall provide a CA/CRL listing for the contractor's equipment custodian's utilization.
- **3.2.2. Equipment Inventory** Contractor and a government representative identified by the CO shall conduct a joint inventory of Government-Furnished Equipment (GFE) no later than five (5) calendar days prior to start of work under this contract, with ten (10) calendar days of the start of any option periods, and not later than ten (10) calendar days before completion of the contract period (including any options periods). Contractor shall sign a receipt for all equipment provided by the Government. The contractor and the government representative

shall jointly determine the working order and condition of all equipment and document their findings on the inventory. The Government will replace missing items and repair all items not in working order, or the ACO will direct the contractor to replace the missing items(s), or accomplish the repair and the contractor shall be reimbursed thereafter. The government representative shall certify his/her agreement as to the working order of the equipment.

3.2.3. Obtaining Additional or Replacement Equipment Contractor shall submit requests for additional or replacement GFE to the QAP for processing. Such requests shall specify the reason for the replacement request. Contractor shall use AF Form 601 (*Equipment Action Request*) to request the equipment. Items of equipment missing or not in working order subsequent to the joint inventory shall be recorded by the contractor and the ACO shall be notified in writing.

3.2.4. BASE COMMUNICATIONS EQUIPMENT

The Contractor will be required to provide its own test equipment.

3.2.4.1. TURKEY - ANKARA

<u>FUNCTION</u>	CATEGORY EQUIPMENT	MANUFACTURE NAME	COMMON NAME	<u>QTY</u>	MODEL NUMBER	PRICE PER UNIT	TOTA L
Telephone	Comm. System	Northern Telecom	Telephone Switch	1	Meridian	100,000	100,000
Maintenanc		(NORTEL)			1, Option 61		
e		NORTEL	Telephone Switch	1	Meridian	7000	7000
<u>'</u>		TOTTLE	Telephone Switch	- 1	1, Option	,,,,,,	7000
		Noner			11C		
		NORTEL	Switch Console	2			
			Switch IDF Telecom MDF Frame	1		2500	2500
		NORTEL		1	34 1 1		
			Key System	1	Modular ICS	20,000	20,000
		NORTEL	Key System	1	Compact 6x16 KSU		
		NORTEL	Key System	2	Mini 3x8 KSU		
		Cisco System	Router	7	4500,2514, 2501	4000	28000
		Mikotronx/Allied	Crypto Unit	15	K1V-7HS	3355	50,325
		Allied Signal	Electronic Fill Device	1	AN/CYZ- 10	3000	3000
			Electronic Fill Device	1	AN/KOI- 18		
		Pair Gain	LAN Modem	15	CAMPUS T1	2250	33,750
	Office Equip (EAID)		Computer	1	PII/233 MHz		
	Office Equip (EAID)	DRS Technology	Laptop Computer	1	NB3-TE		

3.2.4.2. TURKEY – INCIRLIK

FUNCTION	CATEGORY	MANUFACTURE	COMMON	OTY	MODEL	PRICE PER	TOTAL

	EQUIPMENT	NAME	NAME		NUMBER	UNIT	
ANTENNA	ANTENNA	Antenna products	HW RLP	3	AS-3482-GRC	60,180	180,540
		Company TCI	Antenna	2	A.C. 4075 F	1500	2000
		Antenna Products	LTO Antenna HTO Antenna	2	AS-4075-F AS-3477-G	1500 14,884	3000 29,768
		Company	1110 Antenna	2	A5-54/7-0	14,004	29,700
		Tecom Industries Inc	VHF TYPE-1	4	AS-3472		
			Antenna				
		Tecom Industries Inc	UHF TYPE-1	4	AS-3473		
		AREO, GEO,	Antenna UHF Antenna	17	AS-1097-GR		
		ASTRO	OHI Antenna	1 /	A3-1097-GK		
		J&H Smith	UHF Antenna	38	AT-197-GR		
		UB Corporation	VHF Antenna	22	AS-1181-UR	4008	4008
		Antenna Products	Fixed Broad Band	3	AS-3904		
		Company	Antenna				
		Hughes Defense	Low Gain OMNI	1	AS-3439/G	3935	3935
		Communication Comp	Antenna				
		ISC Cardion Elec	TACAN Tower	1	AN/GRA-49		
		WII COV	Antenna	1	ANI/CD A 21		
		WILCOX	Glide Slope Tower Antenna	1	AN/GRA-31		
		UNK	Big W Dipole	1	AS-3514	1500	15000
			Antenna				
		Barker & Williams	B&W 3.5-30	1		1500	15000
			FOLDED Dipole				
		TCI	Antenna Loop Array	1	TCI-612	5000	5000
		ici	Antenna	1	1CI-012	3000	3000
Outside Plant		Nortel	MSL RSC Cross	1		1500	1500
			Connect Sub-frame				
		0.1	CP/A 1 IV	47			
		Sanbar	GE/Analog Key	47			
			Telephone System (1A2)				
			(1112)				
		ADC/Pairgain	PG Flex			5000	10000
		7 ID C/T un guin	I O I ICX	2		3000	10000
Audio/Video		Phillips, Jerrold	Trunk Amplifiers	19		2000	38000
Audio/Video			Trunk Amplifiers CM-8 station				
Audio/Video		Phillips, Jerrold	Trunk Amplifiers CM-8 station Carrier System	19			
Audio/Video		Phillips, Jerrold	Trunk Amplifiers CM-8 station	19			
Audio/Video	CATV	Phillips, Jerrold Reliance comm./Tec	Trunk Amplifiers CM-8 station Carrier System Muxs	19 23		2000	38000
Audio/Video	CATV	Phillips, Jerrold	Trunk Amplifiers CM-8 station Carrier System	19			
Audio/Video	CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution	19 23		2000	38000
Audio/Video	CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers	19 23 61 27		1200	38000 73200
Audio/Video	CATV PAS	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver	19 23 61 27		1200 5000	38000 73200 5000
Audio/Video	CATV PAS PAS	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder	19 23 61 27 1		2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	CATV PAS	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH,	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver	19 23 61 27		1200 5000	38000 73200 5000
Audio/Video	CATV PAS PAS PAS	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder	19 23 61 27 1	CVR22	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	CATV PAS PAS	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers	19 23 61 27 1 1 7	CVR22 CDM 600	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter	19 23 61 27 1 1 7	CDM 600	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite	19 23 61 27 1 1 7		2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver	19 23 61 27 1 1 7 1 3	CDM 600 MSS 200	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE CATEL Stereo	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite	19 23 61 27 1 1 7	CDM 600	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver Stereo Modulator	19 23 61 27 1 1 7 1 3	CDM 600 MSS 200	2000 1200 5000 1000	38000 73200 5000 1000
Audio/Video	PAS PAS PAS CATV CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE CATEL Stereo Modulator	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver Stereo Modulator Un-interruptible Power Supply	19 23 61 27 1 1 7 1 3	CDM 600 MSS 200 FMS 2000	2000 1200 5000 1000 2500	38000 73200 5000 1000 17500
Audio/Video	PAS PAS PAS CATV CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE CATEL Stereo Modulator TSI Power	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver Stereo Modulator Un-interruptible Power Supply (UPS)	19 23 61 27 1 1 7 1 3 1 8	CDM 600 MSS 200 FMS 2000 4500 U	2000 1200 5000 1000 2500	38000 73200 5000 1000 17500
Audio/Video	PAS PAS PAS CATV CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE CATEL Stereo Modulator TSI Power Videonics	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver Stereo Modulator Un-interruptible Power Supply (UPS) Video Title Maker	19 23 61 27 1 1 7 1 3 8 1	CDM 600 MSS 200 FMS 2000 4500 U	2000 1200 5000 1000 2500	38000 73200 5000 1000 17500
Audio/Video	PAS PAS PAS CATV CATV CATV	Phillips, Jerrold Reliance comm./Tec Phillips & Jerrold Starline, Magnavox Phillips Jerrold Starline, Magnovox Motorola Motorola L-TECH, Powertronex SNELL & Wilcox PACE CATEL Stereo Modulator TSI Power	Trunk Amplifiers CM-8 station Carrier System Muxs Line Extender Amplifiers Distribution Amplifiers Radio Receiver Decoder PAS Amplifiers Stereo Converter Multi-system Converter Stereo Satellite Receiver Stereo Modulator Un-interruptible Power Supply (UPS)	19 23 61 27 1 1 7 1 3 1 8	CDM 600 MSS 200 FMS 2000 4500 U	2000 1200 5000 1000 2500	38000 73200 5000 1000 17500

CATV	DRAKE	Video Modulator	1	VM 2550E	I	
CATV	DRAKE	Video Modulator	1	VM 2550A		-
CATV	Multi-choice		1	DSD 977		
CATV	Muiti-choice	Digital Satellite Decoder	1	DSD 911		
CATV	Multi-choice	Digital Satellite	1	DSD 988		
CHIV	Water Choice	Decoder	1	D5D 700		
CATV	Nokia	Digital Satellite	1	Media Master		
CHIT	TORIU	Receiver		Wiedia Waster		
CATV	Nokia	Digital Satellite	2	Media Master		
CITI V	1101111	Digital Satellite	_	9600		
CATV		Earth Station	1	ESR 3240E		
		Receiver				
Turkish CATV	Tamgor	Video Modulator	14	TYM105		
Turkish CATV	Tamgor	Power Supply	5			
Public Address	Mackie	16-Channel	1	CR1604-VLZ		
		Mic/Line Mixer				
Turkish	Tamgor Power	Power Supply	5			
CAATV						
Public Address	Mackie	16-Channel	1	CR 1604-VLZ		
		Mic/Line Mixer				
Turkish	Tamgor	Power Supply	5			
CAATV		16.00		GD 460 : 555 =		
Public Address	Mackie	16-Channel	1	CR 1604-VLZ		
D 11' 4 11		Mic/line Mixer		VD COOF		
Public Address	Peavey	6-Channel Mixer	1	XR-600E		
Public Address	D	Amplifier 6-Channel Mixer	1	XC-600C		
Public Address	Peavey	Amplifier	1	XC-600C		
Public Address	Axmont	4-Channel	1	AT-200W		
Public Address	Aymont	Amplifier	1	A1-200W		
Public Address	Crown	Power Amplifier	1	Power-Base-3		
Public Address	Alesis	RMS/Peak Dual	1	3630		
1 ubile Address	Alcsis	Compressor	1	3030		
		Limiter				
Public Address	Rack Rider	Power Conditioner	1	RR-15		
T done i idaicos	Turn Tirder	and Light Module	-	141 15		
Public Address	Technics	Stereo Double	1	RS-TR265		
		Cassette Deck				
Public Address	Sony	Stereo Double	1	TC-WR97ES		
	·	Cassette Deck				
		w/remote				
Public Address	Pioneer	Multi Compact	1	PD-M703		
		Disk Player				
Public Address	Sony	Multi Compact	1	CDP-C701ES		
		Disk Player				
Public Address	Shure	Wireless Mic	1	LACV		
Public Address	Shure	Wireless Mic	1	L4CV		
Public Address	Shure	Wireless Mic	1	LACV		
Public Address	Nady	Wireless Mic	3	HT-10		
Public Address	Nady	Lapel Mic	2	Lt-ST		
Public Address	Sure	Hardwire Mic	1	SM-58		
Public Address	Sennheiser	Hardwire Mic	1	MD-735		
Public Address	Peavey	Speakers 23"x16"x11"	4	112-H		
Public Address	TOA	Speakers	1	SL150		+
rubiic Address	IUA	23"12"x171/4"	1	SL130		
Public Address	JBL	Speakers	12	TR125		
1 done Address	1DF	29"x171/4"x141/2	12	11123		
		", XI, I/T XITI/2				
Public Address		Straight Mic Stand	1	1		
Public Address		Variable Flex Mic	1	1		
		Stands	1			
Public Address		Flex Podium Mic	2			
		Stands	_			
Public Address	JBL	Speakers	6	TR125		
		29"x171/4"x141/2				

	1		,,			1	1
	D 11' A 11		Contract of the Contract of th	1			
	Public Address	TD.	Straight Mic Stand	1	FD 125		
	Public Address	JBL	Speakers 29"x171/4"x141/2'	6	TR125		
	Public Address		Straight Mic Stand	1			
	Public Address		Variable Flex Mic Stands	1			
	Public Address		Flex Podium Mic Stands	2			
	Public Address		Straight Podium Mic Stands	1			
	Public Address	Nady	Wireless Mic	1	HT-3	+	
	Public Address	Fender	Hardware Mic	3	P-51		
	Public Address	Shure	Lapel Mic	2	T4N	+	
		Shure	Wireless Mic				
	Public Address			6	UT4 H-12		
	Public Address	Sound Tech	Speakers	2		2500	2500
	Public Address	Volcano	12-Channel Power Mixer	1	PM1250	2500	2500
	Public Address	Fender	Power Tower and Speakers	2	Passport		
Telephone Maintenance		Jenson Tools, Inc	Tek Ranger OTDR Dual Mode Fiber	1		4000	4000
		GRAYBAR Electric Company	Mini Fusion Splicer	1			
		Specialized Products	Fiber Test Kit	1			
		Co Specialized Products	LAN network Test	2		1200	1200
		Co Specialized Products	Kit Visible Fault	3			
		Co	Identifier				
		Specialized Products Co	Hot Melt Termination Kit	2			
		Specialized Products Co	Fiber Splicer Prep	1			
		Specialized Products	Kit Lite-Strip Fiber	5			
		Co Specialized Products	Stripper Optical Fiber	1			
		Co Specialized Products	Scope Case for Optical	1			
		Co Specialized Products	Fiber Scope ST Adapter	1			
		Co Specialized Products	Kevlar Scissors	5			
		Co					
		Specialized Products Co	Fiber Optic Cleaver Tool	3			
		Specialized Products Co	ST Polishing Fixture	6			
		Specialized Products Co	SC/ST Polishing Fixture	2			
			Tixture				

Furniture Incirlik

	2 Drawer Safe	1	

3.2.4.3. TURKEY – IZMIR

FUNCTION	CATEGORY EQUIPMENT	MANUFACTURI NAME	E COMMON NAME		<u>QTY</u>	MOE NUM			E PER NIT	<u>T</u> (<u>OTAL</u>
Telephone	Comm	NORTEL	Telephone	1	Mei	ridian,	136	,000	136,0	000	
Switch	System		Switch		S	L-1					

Maintenance						
	Hayes	Operator Console	1	Meridian, SL-1		
	NORTEL	Operator Console SL-1	4		1,500	6,000
	Sonnensheim	Batteries	16		400	6,400
		Switch MDF	1	KRONE	2,000	2,000
	NORTEL	Key System	4	Norstar Modular ICS		88,000 for total key systems
	NORTEL	Key Systems	3	Norstar 8x24		
	NORTEL	Key Systems	3	Norstar 6x16		
	NORTEL	Key System	1	Norstar 3x8		

Furniture Izmir

SAFE 2 DRAWER	TECH CONTROL	FURNITURE	1

3.2.4.4. TURKEY – ESKISEHIR

FUNCTION	CATEGORY	MANUFACTURE	COMMON	QTY	MODEL	PRICE PER	TOTAL
	EQUIPMENT	NAME	NAME		NUMBER	UNIT	
Outside Plant	Comm System	NORTEL	Key System	1	Modular		
IDS/CCTV	Alarm System	Sensiscan	Alarm Processor	1	1000		
	Alarm System	Sanyo	Monitor	4	High		
					Resolution		
					Color		
	Alarm System	Sanyo	Video Cassette	1	SRT-6000P		
			Recorder				
	Alarm System	Sanyo	Video Multiplexer	1	MPX-CD10P		
	Alarm System	AIPHONE	Door Monitor	1	MY1CD		
Audio/Video		Scientific Atlanta	Satellite	4	D9234	1200	4800
			Receiver/Decoder				
		Scientific Atlanta	Satellite	1	D9223	1200	4800
			Receiver/Decoder				
			Satellite Dish	1			
			Modulators	5			
		CATEL	Stereo Modulator	1	FUS-2000		
LAN Administratio	Comm System	Compaq	Network server	1	Proliant	4800	4800
n							
	Comm System	Compaq	Work Station	21	Various	1200	25200
	Comm System	Centrecon	HUB	1	3024SL		

3.2.5. LONG HAUL COMMUNICATIONS EQUIPMENT

3.2.5.1. TURKEY - ANKARA

FUNCTION	CATEGORY EQUIPMENT	MANUFACTURE NAME	COMMON NAME	<u>QTY</u>	MODEL NUMBER	PRICE PER UNIT	TOTAL
Systems Control	Comm Equipment			1	Distribution Frame	2,500	2,500
				1	FPI 1912 Equipment Rack		
				3	FPI 2101-2102 Audio Patch Bay	1,500	4,500
				3	HNF-81-1		

				1		
			6	KG-94	11,000	11,000
			2	Model 428A		+
			2	Station		
				Summary		
			2	TELLABS Echo		
			2	Cancellers		
				Canceners		
			1	TELLABS P.S.		
			3	WESCOM 400		
			10	WESCOM		
				Amps Model		
				401		
			1	WESCOM Ring		
				Generator		
Test Equipment			2	Communication	2,039	2,039
				Test Set, HATS-		
				2		
			2	Crypto Fill		
				Device, KOI-18		
			1	Printer, Fireberd		
			1	Digital		
			1			
				Multimeter		
			_	8010M		
			2	Digital		
				Multimeter,		
				27/FM		
			1	Audio Test Set,		
				702		
				~	1.000	4.000
			1	Communication	1,000	1,000
				Test Set, 3701		
			1	Fireberd Test	5,995	5,995
			1		3,993	3,993
				Set, 6000M		
			2	Quad Trace	6,791	13,582
			_	Oscilloscope,	0,771	13,302
				2246		
			1	Analog		
			1			
				Multimeter, 260AFP1		
Occ		Com T-1 1	2	200AFF1		-
Office		Secure Telephone	2			
Equipment						
(EAID)						
	DELL	Computer	2			
		Printer, HP Deskjet	1			-
			1			
		500				
		CD-ROM, SONY	2			
		1X Dual CD Set				
		17 Dual CD Sel				
			1	IDNS	150,000	150,000
					,000	,
 			<u></u>	<u> </u>		
			2	KIV-19	3,700	7,400
			_		-,	1,,,,,,

Reserved

Replacement page 27, rev. 1, dated 24 May 04 Attachment 2

Reserved

Replacement page 28, rev. 1, dated 24 May 04 Attachment 2

Reserved

Replacement page 29, rev. 1, dated 24 May 04 Attachment 2

3.2.5.2. TURKEY - IZMIR

FUNCTION	CATEGORY EQUIPMENT	MANUFACTURE NAME	COMMON NAME	<u>OTY</u>	MODEL NUMBER	PRICE PER UNIT	TOTAL
Tech Control	COMM Equipment	CISCO	Router	4	4000, 2511, 2610,7200	4,000	16,000
		CODEX	MODEM	14	2173, 3266		
		Pairgain	MODEM	5	T-1 CAMPUS, CAMPUS HRS	2,250	11,250
		SINGER/TEL-SIG	Line Amps	24	Amplifier, Line MF104		
		TELLABS	Echo Canceller	22	Suppressor, Echo 6921B		

	Lambda	Power Supply	2	48VDC		
	UNISYS	DCP-15	1	PROCESSOR COMM DCP-15		
	Newton	Frame	1	Main Frame		
		Patch Panel	3	Standard Digital Patch Panel		
		Patch Panel	1	K-Patch		
	ATT	Dumb Terminal	1	ATT 700 W/KYBD		
TEST EQUIP	Fluke	DMM	1	Multimeter 8800A		
	Fluke	DMM	1	Multimeter 8021B		
	Fluke	DMM	1	Multimeter27FM		
	Tectronix	O'SCOPE	1	2465A	8,239	8,239
	Heikemian	Transmission Test Set	1	TTS 41-01	3500	3500
	Heikemian	Transmission Test Set	1	TTS 42-10	3500	3500
	CXR TELCOM	Transmission Test Set	1	TTS 702B01	3500	3500
	CLONE	CPU	2			
	Fireberd	Communication Analyzer	1	6000M	5,995	5,995
Tool Board	Inventory Enclosed		1			

3.3. GOVERNMENT-FURNISHED MATERIAL

The Government will provide an initial quantity of spare parts and bench stock. Subsequent requirements will be processed through Air Force and other supply channels.

3.4. GOVERNMENT-FURNISHED SERVICES

Contractor will not be required to reimburse the Government for the cost of the following services: (Notwithstanding the services listed below, the contractor shall perform all tasks identified in this contract)

- **3.4.1.** Government-Furnished Utilities. Including electricity, gas, water, sewage and refuse collection.
- **3.4.2.** Telephone Services (restricted class)
- **3.4.3.** Security Police and Fire Protection.
- **3.4.4.** Limited emergency medical services during normal operating hours, on a reimbursable basis.

3.5. GOVERNMENT PROVIDED TRAINING/PERSONAL PROTECTIVE EQUIPMENT

Contractor shall receive all training pursuant to new equipment/upgrades, safety, first aid, and Cardio-Pulmonary Resuscitation (CPR). Contractor will attend training required to operate in a hazardous or contingency environment to include chemical/biological warfare. Contractor shall receive Level 1 and Level 2 Hazardous Material Training IAW AFOSH standards. Government provided personal protective equipment is limited to chemical/biological warfare survival equipment. Contractor shall provide list of attendees to appropriate training agencies in sufficient time to accommodate class schedules and size. Contractor employees shall receive the same level of vaccination against Biological weapons as do military members in the theater.

SECTION IV

GENERAL INFORMATION

4. GENERAL INFORMATION

In addition to the Description of Services provided in Section I, the contractor shall perform the following general tasks:

4.1. PHASE-IN

During contract phase-in, the contractor shall perform all tasks required to commence full performance of services at the beginning of the basic contract period. Contractor shall develop and provide an effective phase-in plan addressing all elements, including but not limited to Telephone Control Plan, Property Control Plan, Security Plan, Quality Control Plan and Employee Listing to the Contracting Officer (CO). Contractor shall ensure Visitor Group Security Agreement (VGSA) is completed and obtain all required base passes and security badges. The base policy requires the contractor to be identified with a badge and photo (Contractor Format).

4.2. CERTIFICATIONS, LICENSES & PERMITS

Contractor shall be responsible for obtaining any necessary licenses and permits to comply with any applicable U.S. and Host Nation laws, codes, and regulations (i.e. base flight line). Contractor shall ensure employees have current and valid professional certifications before starting work as required and possess valid driver's license and be eligible for a Turkish license upon arrival to Turkey. Example: Outside Plant Antenna Maintenance, Audio Video Maintenance and Wide band technicians shall posses a valid stateside driver's license and obtain an International D/L from AAA.

4.3. CONTRACTOR PERSONNEL

4.3.1. Employees

Contractor shall not employ a person for work under this contract if such a person is identified to the contractor by the CO as a potential threat to the health, safety, security, general well being or operational mission of the installation and its population. Contractor shall not employ any person who is an employee of the United States Government if the employment of that person would create a conflict of interest. When employing off-duty Air Force military personnel, the contractor shall comply with AFI 64-106, paragraph 3. In the event it becomes necessary to replace any contract personnel for any of the above reasons, the contractor shall not be reimbursed for costs associated with such removal including the costs for replacement of personnel so removed. Contractor shall inform the CO in writing within 5 working days of any incidents of misconduct by their employees that violate laws of the USA or the Host Nation. Incidents that might possibly lead to international problems between the USA and the Host Nation must also be reported within 5 workdays. The contractor shall

submit a written statement of fact from competent military/civil authority stating that the person represents a threat to base personnel. If Turkish authorities determine a person may not enter installation, that person will be deemed as removed from the Turkish portion of contract. The contractor shall provide local orientation to contract personnel to include local laws, customs, taboos, etc...

4.3.2. Personnel Qualifications

Contractor shall provide qualified employees who are qualified at the beginning of their employment as specified in this SOW. Listed below are the qualification and experience requirements. Contractor shall be aware work locations are owned by Turkish Government and not always provided with reasonable accommodations/accessibility for those with disabilities. The working environment is subject to diverse temperatures inside and outside facilities and personnel shall maintain professional image and dress appropriately. Additionally, contract personnel may be required to lift materials weighing up too 70 pounds. Vision and hearing are required for the performance of specific duties and personnel are subject to stand, climb, sit and walk for periods of time. In the event the contractor replaces personnel in positions that are later determined unqualified by the CO, all costs associated with the employment of such unqualified personnel may be disallowed. If a changeover of personnel occurs, the vacancy must be filled within a reasonable time as mutually agreed upon by the U.S. Government and the contractor. Contractor shall be responsible for occupational health and safety of their employees.

4.3.3. Communication Positions

Personnel shall have experience in and knowledge of but not limited to operations and maintenance of like military communications equipment, facilities and functions as described in this SOW. Positions and functions are listed below:

BASE & LONG HAUL Communications Functions	Mandatory	Security Clearance	Remarks
*Project Manager (PM)	Yes	US Secret	*PM shall be responsible for the performance of the Base, and Long Haul Communications Services within this SOW. PM shall be designated in writing to the CO within 5 calendar days after contract award. Additionally, when the PM is absent, an alternate manager shall be designated in writing to the CO at least 3 work days prior.
Antenna Maintenance Technician		US Secret	Climbing Certified and Pole Top Rescue Certified (AFOSH Standard 91-501)
Audio/Video Technician		N/A	
Maintenance Control Technician		US Secret	
Material Control Technician		US Secret	

Telephone Operator	N/A	7 Operators must be US
		National,
Telephone System Maintenance Technical	US Secret	
SIPRNET LAN Administrator	US Secret	
SIPRNET Maintenance Technician	US Secret	
VTC Suite maintenance Technician	US Secret	

Note: Due to existing labor agreements there will be 4 Turkish National operators and 7 American Nationals.

4.4. LANGUAGE REQUIREMENTS

Contractor shall provide personnel who meet the language proficiency levels at the beginning of their employment. Demonstrations of ability to meet personnel language requirements may be requested by any method determined reasonable by the CO/ACO. Employees in the following positions must meet the English and Turkish language proficiency levels indicated Table **4.4.2**.

4.4.1. LANGUAGE PROFICIENCY LEVELS

Employees must meet the language levels indicated in the SOW. The personnel language proficiency levels are described as follows:

4.4.1.1. Reading Ability

Level 3: Able to read routine correspondence, reports and technical material and comprehend the general essentials without dictionary assistance in his/her special field. Accurate understanding requires frequent use of the dictionary. He/She may have occasional difficulty with unusually complex sentence structures.

Level 4: Able to read all styles and forms of the language pertinent to professional needs. Occasionally uses the dictionary, can read all material in his special field including official and professional documents and correspondence. He/She reads legible handwriting without difficulty.

4.4.1.2. Speaking Ability

Level 3: Able to speak the language with sufficient structural accuracy and vocabulary to participate effectively in most formal and informal conversations on practical and professional topics. Discuss particular interests and special fields of competence with reasonable ease and comprehension. Broad vocabulary and rarely searches for words. The accent may be obviously foreign but grammar control is good. Errors never interfere with understanding and rarely disturb the native speaker.

Level 4: Able to use the language fluently and accurately on all levels normally pertinent to professional needs. Understands and participates in any conversation within the range of his experience with a high degree of fluency and precision of vocabulary. Rarely identified as a native speaker but responds appropriately even in unfamiliar situations. Errors of pronunciation and grammar are quite rare. Speaker handles formal interpreting from and into the language.

4.4.1.3. Writing Ability

Level 3: Drafts official correspondence and reports in a special field. Control of structure, spelling and vocabulary is adequate to convey the message accurately but style may be quite foreign. Formal writing must be edited by a qualified native speaker.

Level 4: Drafts all levels of prose pertinent to professional needs. Control of structure, vocabulary and spelling is broad and precise. Sense of style is nearly native. Errors are rare and do not interfere with understanding. Nevertheless, drafts of official correspondence and documents must be edited by a qualified native speaker.

4.4.2. BASE & LONG HAUL COMMUNICATIONS

Position	English Speaking	English Writing	English Readin	Turkish Speaking	Turkish Writing	Turkish Reading
			g			
Project Manager	4	4	4			
Antenna Maintenance Technician	3	3	3			
Audio/Video Technician	3	3	3			
Maintenance Control Technician	4	4	4			
Material Control Technician	3	3	3			
Switch Maintenance Technician	3	3	3			
Systems Control Technician	4	4	4			
Telephone Billing Technician	3	3	3	3	3	3
Telephone Operator (Chief)	3	3	3			
Telephone Operator (Turkish	3	3	3	3	3	3
National)						
Telephone Operator (American	3	3	3			
National)						
Telephone System Maintenance	3	3	3			
SIPRNET LAN Administrator	4	4	4			
SIPRNET Maintenance Technician	3	3	3			
VTC Suite maintenance Technician	3	3	3			

4.5. QUALITY CONTROL

In compliance with the contract clause entitled "Inspection of Services - Fixed-Price," (FAR 52.246-4), the contractor shall provide a Quality Control Plan. This plan shall describe in detail the contractor's Quality Control Program and shall be submitted no later than 30 calendar days after contract start. A draft plan shall be submitted with the proposal. The plan shall become a compliance document after review and acceptance by the CO. (Ref TE 4)

4.6. QUALITY ASSURANCE

The Government will evaluate the contractor's performance under this contract in accordance with the "Inspection of Services-Fixed Price" (FAR 52.246-4).

4.6.1. Performance Evaluation Meetings. The CO may require the contract manager to meet with the CO, contract administrator, QAP, and other government personnel as deemed

necessary. The contractor may request a meeting with the CO when he or she believes such a meeting is necessary. Written minutes of any such meetings shall be recorded in the contract and signed by the contract manager and the CO or contract administrator. If the contractor does not concur with any portion of the minutes, such non-concurrence shall be provided in writing to the CO within 10 calendar days following receipt of the minutes. The CO will not be required to maintained written minutes on file. These meeting will be at contractor expense.

4.6.2. Inspections, Evaluations & Reviews Other than QAP: Contractor shall permit Department of Defense maintenance/measurement/inspection visits, QAP team visits, host base visits, other required functional reviews, evaluations or inspections as the government requires. Contractor shall cooperate in providing any assistance necessary. Contractor shall ensure coordination with the QAP office. Contractor shall be aware these includes MAJCOMs, Defense Information Systems Agency, Air Force Audit Agency, Inspector General Office, General Accounting Office or other government agencies. DoD may conduct no notice random surveillances/inspections and the QAP teams may make unannounced visits and must be provided unescorted access to facilities and equipment. Contractor shall be given the purpose of the visit and copies of any reports created. Contractor shall take necessary actions and coordinate with the government to resolve any discrepancies found as part of these inspections.

4.7. PHYSICAL SECURITY

Contractor shall be responsible for safeguarding all government-furnished property provided `for contractor use. At the close of each work period, government facilities, equipment and material shall be secured. Contractor shall immediately report to the QAP or CO any occurrence of loss or duplicated keys. In the event those keys are lost or duplicated, the contractor shall be required, upon direction of the CO, to re-key or replace the affected lock or locks without cost to the government. Contractor shall develop procedures covering key control and lock combination control that shall be included in the Quality Control Plan. The contractor will be required to secure room 13 the Turkish Telecon entry point at the ODC.

4.8. HOURS OF OPERATION & RESPONSE TIMES

Normal hours are contingent upon the function being performed and location. Contractor shall perform requirements during normal hours, which are defined as 0730 - 1630 (9 hour days), Monday through Friday, excluding U.S. holidays, unless otherwise stipulated per function or site within the SOW. However, Contractor shall also be on-call 24 hours a day, 7 days a week including U.S. holidays for all sites, host nation holidays not included. A 24hr/day, 7 days a week operations, including holidays and host base down days will be required at Incirlik AB on Telephone Operations and on the Long Haul support at the ODC in Ankara.

4.8.1. RESPONSE TIMES FOR ALL LOCATIONS (See separate chart for Eskisehir below)

4.8.1.1. BASE & LONG HAUL COMMUNICATIONS:

Unscheduled Maintenance (Maintenance Control)	Priority 1 – Maintenance Control shall notify appropriate personnel or work-center of affected facility within 15 minutes in a priority 1 situation. *Priority 2 - Maintenance Control shall notify the appropriate personnel or work center of an unscheduled maintenance action within 30 minutes of notification	Maintenance control is responsible for establishing a chain of contact for unscheduled maintenance.
Unscheduled Maintenance (Technicians)	Priority 1 – Contractor shall be at the dispatch point within 30 minutes of notification Priority 2 - Contractor shall be at the dispatch point within 1 hour of notification	On-call personnel are required to notify Maintenance Control of their location and maintain contact by telephone, pager, or radio at all times.

^{*}Priority Levels: Established by Flight Commander or Site Representative based on local policy.

ESKISEHIR	RESPONSE	TIMES
	24 HOURS	5 DAYS
OUTSIDE PLANT		
Norstar Modular ICS Complete Failure	X	
Analog Terminal Adapter Failure		X
Remote Access Device Failure		X
M7310 Digital Telephone Set Failure		X
STU –III Telephone Set Failures		X
2500 Analog Telephone Set Failures		X
Line Access Failure	1-line/DSN	1-line
LAN ADMINISTRATION		
Complete Network Server Failure	X	
Complete MS Exchange Server Failure	X	
Network Hub Failure	X	
Computer Workstation Failure		X
Laptop Computer Failure		X
Unable to Access/Download e-mail	X	
AUDIO/VIDEO		
Satellite Video Receiver/Decoder Failure		X
Single Outlet Failure		X
IDS/CCTV		
Visonic LTD, Max-16 Alarm System Failure	X	
Apartment Alarm System Failure Apts #8 and #16 only	**	X
Door/Window Magnetic Switch Failure	**	X
Glass Break Detector Failure	**	X
Motion Sensor Failure	**	X

Access Keypad Failure	**	X
Door Security Monitor Failure	**	X
Entry Security Camera/Announcer Failure	**	X
Front Guard Shack Monitor Failure	W/Rear,**	X
Main Office Monitor Failure	W/Security,**	X
Security Office Monitor Failure	W/Main,**	X
Rear Guard Shack Monitor Failure	W/Front,**	X
Perimeter Video Camera Failure	Sector Loss,**	X
Sanyo SRT-6000P Video Cassette Recorder	**	W/spare
Sanyo MPX-CD10P Video Multiplexer Failure	**	
VD4-1 Video Distribution Unit Failure	**	

^{**} Only in Threatcon Charlie Conditions all Security Systems require 24 Hr Response

4.8.2. HOLIDAYS

39CS/CC will determine required manning levels and use of flexible time based on mission needs during US and Turkish Holidays. Contractor get U.S holidays same as civilian GS workers.

4.9. PLACE OF PERFORMANCE

Contractor shall perform at the following locations:

<u>Turkey</u>: American Consulate Adana, Ankara ODC, Ankara Support Facility, Eskisehir, Incirlik, Izmir, Konya Bombing Range, and Yumurtalik.

4.10. RECORDS

Contractor shall be responsible for creating, maintaining, and disposing of only those Government required records that are specifically cited in this SOW or required by the provisions of a mandatory directive listed in TE 3, Applicable Publications and Forms. If requested by the Government, Contractor shall provide the original record or a reproducible copy of any such record within 5 working days of receipt of the request.

- **4.11. MISSION-ESSENTIAL SYSTEMS.** Mission-essential systems will be identified by 39 CS as required, as missions change the 39 CS will advice.
- **4.11.1.** Mission-Essential Functions. Mission-essential functions have been identified by 39 CS.

- **4.12.** LOGISTIC PRIVILEGES FOR TECHNICAL REPRESENTATIVES
- **4.12.1.** Commissary (including rationed items): available; see "4.12.3." below.
- **4.12.2**. AAFES facilities (includes military exchange, theater, food concessions, etc.): available.
- **4.12.3.** Class Six (alcoholic beverages, includes rationed items): available; tobacco and spirits are subject to controls imposed by base regulations.
- **4.12.4.** Local services (morale, welfare, and recreation): available.
- **4.12.5.** Military banking services: available.
- **4.12.6.** Military postal services: available.
- **4.12.7.** Mortuary services: available on a reimbursable basis.
- **4.12.8.** Officer/noncommissioned officer clubs: available on a paid membership basis.
- **4.12.9.** POV registration: To import a vehicle, its contractor's responsibility, and its performed off-base..
- **4.12.10.** POV licensing: See Para. 4.2.
- **4.12.11.** Petroleum and oil products (tax free): available for purchase on US bases. Amount limited by local base regulations.
- **4.12.12.** Transient billets: available on a reimbursable basis.
- **4.12.13.** Messing facilities at remote sites: available on a reimbursable basis.
- **4.12.14.** Education services: available, on a space-available, reimbursable basis.
- **4.12.15.** Chapel services: available.

- **4.12.16.** Dependent schools: available, on a space-available, tuition-paying basis.
- **4.12.17.** Emergency medical and dental services: available on a reimbursable basis during a contingency environment.
- **4.12.18.** Firearm registration: Not available.
- **4.12.19.** Travel and shipment of personal property via the defense transportation system: Not available.

DEFINITIONS/ABBREVIATIONS/ACRONYMS

1. **DEFINITIONS**

- **1.1. CIRCUIT RELIABILITY** The percent of time a circuit was available to the user during a specified period of time, computed as follows: Circuit Reliability = $100 \times [1-(O-AO/T)]$ where O = Outage Time; O = Outage Time; O = Outage Time; O = Outage Time); O = Outage Time
- **1.2. CLASSES OF TELEPHONE SERVICE. Class A** For official government business only, with direct dial access to outside (off base) commercial and government trunks. **Class B** Unofficial Telephone Service does not have direct in-dial to the DSN. **Class C** For official government business only, direct dial is restricted to calls on base, includes access to the switchboard for off-base calling. **Class D** Restricted to special services such as fire, sentry and crash alarms.
- **1.3. COMMUNICATIONS CONTROL OFFICE** (**CCO**) The CCO is responsible for tasks associated with the initial activation of a circuit and/or trunk, submitting completion reports and coordinating realignment of the circuit and/or trunk when necessary. A CCO is assigned to every circuit/trunk, for the life of the circuit/trunk. A CCO is designated in the Telecommunications Service Order (TSO).
- **1.4. DEFENSE SWITCHED NETWORK** (**DSN**) The principal long haul, voice communications network within the Defense Communications System (DCS), providing unsecured direct distance dialing service worldwide through a system of government-owned and leased automatic switching facilities. It handles essential command and control operations, intelligence, logistics and administrative traffic in accordance with the established precedence criteria.
- **1.5. EQUIPMENT AUTHORIZATION INVENTORY DATA (EAID) ITEMS** These items require formal supply property accountability and must be reflected on the organization's Custodian Authorization/Custody Receipt listing (CA/CRL).
- **1.6. FACILITY CONTROL OFFICE (FCO)** The FCO is responsible for day-to-day operation and maintenance of DCS facilities within a designated geographic area.
- **1.7. INCOMING CALLS** Calls traversing the switchboard, which requires an operator's intervention, and subsequent connection to an on-base extension. These calls will be identified by visual and/or audio indication on the switchboard.
- **1.8. INTERMEDIATE CONTROL OFFICES (ICO)** ICOs will be designated in the TSO when the circuit layout or trunk is such that the overall CCO is not in the best position to

perform tests and coordinate the activities of some of the intermediate SCFs. ICOs are responsible to the CCO for operational direction.

- **1.9. INTERMEDIATE FACILITY CONTROL OFFICE (IFCO)** A facility assigned by the FCO to help fulfill the FCO mission. This assignment is made through coordination with the IFCO's chain of command and DISA-EUR. The FCO may assign specific duties to the IFCO.
- **1.10. LINK** A link is a transmission path operating between two successive equipment locations. In cable facilities, equipment locations are those points where cables terminate or branch. In radio systems, equipment locations are radio frequency (RF) repeaters, transmitters, or receivers. A link consists of one or more trunks.
- **1.11. LINK RELIABILITY** The percent of time a link was available for use in a specific direction during a specified period of time (not to include authorized outages (A/O), scheduled quality control checks (QCs), or scheduled outages of any type) computed as follows: Link Reliability = $100 \times [1-(O-AO/T)]$ where O=Outage Time; AO=Authorized Outage Time (limited to \geq Outage Time); T=Total time.
- **1.12. MORALE CALLS** Personal calls made over the DSN for purposes of maintaining contact with family, or taking care of personal business. Such calls are permitted subject to time constraints, frequency and availability of trunks. Morale calls never take precedence over official traffic.
- **1.13. OFF/ON NET CALLS** Calls connected from/to the DSN from Commercial Carrier networks.
- **1.14. OPERATOR INTERCEPT** A long distance call placed by the on-base customer using communications common carriers, direct distance dialing, or precedence DSN, and intercepted by the switchboard operator to request further instructions, toll ticket data, control number, etc.
- **1.15. OUTGOING CALLS**. Those calls placed by an on-base customer, which require operator assistance to complete.
- **1.16. PEAK PERIOD**. It's 30% or greater increase in incoming and outgoing telephone call activities. Generally, it's between 1100Z to 1800Z Monday through Friday.
- **1.17. REAL PROPERTY** For purposes of accounting classification, real property means land and rights therein, utility distribution systems, buildings, structures, and improvements thereto excluding plant equipment. Real property includes supporting structures for communications-electronics equipment/systems, such as poles, guys, towers, underground ducts, manholes, hardstands, concrete footing, shelters, power production facilities and equipment, environmental control equipment, and other non-technical components.

- **1.18. SWITCHBOARD POSITION** Synonymous with attendant consoles (desktop electronic device) which allows an operator to answer calls and provide assistance.
- **1.19. TELEPHONE CONTROL OFFICER** (**TCO**) Individual who authorizes and controls the placing of commercial long distance telephone calls for agency and tenant organizations. The TCO is also responsible for updating and validating records of telephone services for his/her unit.
- **1.20. TIME HACK** Verification of accuracy of switchboard operations area clock with official 24-hour time hack.
- **1.21. TRUNK**. Defined as single or multi-channel communications medium between two successive terminal facilities.

WORKLOAD ESTIMATES

The following information on workload estimates is provided for the contractor to gain understanding of the full scope of workload to be performed. The table below lists overall functions and the sub-functions or tasks along the left side of table. The top of the table lists the sites that have the functions actually performed at the site or dispatch responsibility for functions at the unmanned sites. **THE ESTIMATES BELOW ARE MONTHLY AND ARE BEST ESTIMATES ONLY**. Further, the workload table does not capture all tasks or processes involved with accomplishing the functions described. Contractor shall provide upon request updated TE-2 workload estimates, including the impact of all modifications to estimates of the awarded contract. (**Ref TE 4**). Contractor may state that the workload is more than 20% above govt estimate and have adjustment made. The contracting officer may also request a relook at hours

KONYA
BOMBING
Table 1 INCIRLIK RANGE

Table 1		INCIN		NANG	Ľ
Main Function	Sub-Function	Tot Hrs	#	Tot Hrs	#
			Items		Items
			or		or
			Events		Events
Antenna Maintenance	Scheduled maintenance	295	40	32	2
	Unscheduled maintenance	45	4	8	1
	Administrative duties (all inclusive)	130	3	n/a	n/a
	Installations	15	1	n/a	n/a

Table 2 INCIRLIK

Main Function	Sub-Function	Tot Hrs	#
			Items
			or
			Events
Audio/Video Maintenance	Scheduled maintenance (Giant	40	12
	Voice		
	Cable television	320	30
	PA Setups	80	12
	Administrative hours	80	30
	(all inclusive)		
	Contingency billeting 18	8	
	prefabs w/16 rooms each and		
	two service buildings.		

Table 3 INCIRLIK

Main Function	Sub-Function	Tot Hrs	#
			Items
			or
			Events
Maintenance	Update & Maintain Status	60	12
Control/Material Control	Briefings		
	Update & Verify Database	120	3
	Records (CAMS)		
	Customer & Production Work	60	17
	Center Coordination		
	Production Analysis	8	3
	After-hours Reponses to	45	2
	outages (includes weekend &		
	holidays)		
	Work Center Supply Monitor	12	n/a
	Duties (at production center)		
	Supply Liaison Duties (Unit	24	n/a
	Materiel Controller)		

Table 4

I abic 7		
Table left intentionally blank		

Table 5 INCIRLIK

Table 5 INCIRLIN			
Main Function	Sub-Function	Tot Hrs	# Items or Events
Telephone Operations			
Switchboard	# calls	2040	40000
	# of toll tickets	6	360
Directory Publication (Electronic)		15	1500
Education (TCO, operator/ training)		80	80
Analysis		10	3500
Administrative duties (all inclusive)		24	8
# base service requests	527 (information only)	n/a	n/a
# emergency service requests	7 (information only)	n/a	n/a
Total base population	2400 (information only)	n/a	n/a
Total phone numbers	1500 (information only)	n/a	n/a

Table 6 ANKARA

Main Function	Sub-Function	Tot Hrs	# Items or
			Events
Billing	# bills a month	n/a	210
	Verification time	15	n/a
	Administrative duties (all inclusive)	20	n/a
	Payment processing time	40	n/a

Table 7 ANKARA

Main Function	Sub-Function	Tot Hrs	# Items or Events
Systems Control	Outages	30	30
	Circuit actions-write, track, file	10	15
	Trend Analysis	3	4
	In-service quality checks	4	25
	PMP	0	0
	Report develop/submit	1	2
	MSL/ticket, Updates/Track	2	25
	Crypto changes	2	4
	Admin/Filing	15	0
	Training	10	0
	Quality Control	15	0

Table 8 IZMIR

Audio/Video Maintenance	# Cable drops (115)	n/a	n/a
	# Work Orders	2	2
	Scheduled Maintenance	3	3
	Unscheduled Maintenance	4	3
	Administrative duties (all inclusive)	1	n/a

Table 9 IZMIR

Main Function	Sub-Function	Tot Hrs	# Items or
			Events
Systems Control	Outages	40	50
	Circuit actions-write, track, file	5	10
	Trend Analysis	1	2
	In-service quality checks	4	25
	PMP	0	0
	Report develop/submit	1	2
	MSL/ticket, Updates/Track	2	20
	Crypto changes	1	2
	Admin/Filing	15	0
	Training	10	0
	Quality Control	15	0

Table 10 IZMIR ANKARA

Main Function	Sub-Function	Tot Hrs	# Items or Events	Tot Hrs	# Items or Events
Telephone System Maintenance					
Inside Plant	Scheduled maintenance	35	5	48	6
	Unscheduled maintenance	6	8	6	6
	Quality control checks	16	4	80	30
	# outages	16	6	44	9
	# programming changes	8	6	16	6
	Administrative duties (all inclusive)	20	n/a	17	n/a
	Work Orders	24	8	24	6

Table 11			INCIRLIK	17	ZMIR A	NKARA	
Main Function	Sub-Function	Tot Hrs	# Items or Events	Tot Hrs	# Items or Events	Tot Hrs	# Items
							or Events
Outside Plant	# Telephones	n/a	1701	n/a	670	n/a	247
	# Work Orders	n/a	n/a	40	6	32	6
	# Inspections	n/a	n/a	16	1	n/a	n/a
	# Telephone Maintenance Records	n/a	n/a	10	850	8	538
	Administrative duties (all inclusive)	107	25	24	5	10	4
	Scheduled maintenance	950	n/a	64	5	34	12
	Unscheduled maintenance	292	n/a	40	20	n/a	n/a
	LAN cable installations	225	n/a	n/a	n/a	n/a	n/a
	LAN maintenance/troubleshooting	100	n/a	n/a	n/a	n/a	n/a
	Key Systems maintenance	0	0	2	1	5	17
	Contingency Facilities	1	1	n/a	n/a	n/a	n/a

		Konya Bomb		Ameri Consu		Ankara Suppor	
Table 12		Range	O			Facility	
Main Function	Sub-Function	Tot Hrs	#	Tot	#	Tot Hrs	#
			Items	Hrs	Items		Items
			or		or		or
			Events		Events		Events
Outside Plant	# Telephones	n/a	n/a	n/a	n/a	n/a	45
	# Work Orders	4	4	10	4	36	3
	# Inspections	n/a	n/a	n/a	n/a	56	10
	# Telephone Maintenance Records	n/a	n/a	n/a	n/a	n/a	80
	Administrative duties (all inclusive)	n/a	n/a	n/a	n/a	56	5
	Scheduled maintenance	n/a	n/a	n/a	n/a	56	10

Table 13	Yumurtalik			
		Sub- Main Function Function	Tot	#
			Hrs	Items
				or
				Events
Outside Plant		# Telephones	n/a	n/a
		# Work Orders	10	4
		# Inspections	n/a	n/a
		# Telephone Maintenance	n/a	n/a
		Records		
		Administrative duties (all	n/a	n/a
		inclusive)		

Scheduled maintenance

n/a

n/a

Table 14		INCII	INCIRLIK		IR ANK		IKARA	
Main Function	Sub-Function	Tot Hrs	#	Tot	#	Tot	#	
			Items	Hrs	Items	Hrs	Items	
			or		or		or	
			Events		Events		Events	
*Other	Escorts	2	2	8	n/a	8	n/a	
	Building Custodian	n/a	n/a	1	1	n/a	n/a	
	Safety	n/a	n/a	n/a	n/a	8	n/a	
	Telephone Book (Annually)	n/a	n/a	n/a	n/a	64	n/a	
	Customer Training	n/a	n/a	n/a	n/a	4	n/a	
	Supply Monitor/Supply Liaison duties	5	1	n/a	n/a	n/a	n/a	
	Security	5	5	n/a	n/a	4	n/a	

Table 15 ANKARA

Table 15 AINANA			
			# Items or
Main Function	Sub-Function	Tot Hrs	Events
SIPRNET Administration	Mail/Domain Server Administration	65	21
	Workstation Administration	15	26
SIPRNET Maintenance	Pairgain LAN Modems	12	13
	CISCO Routers	24	21
	Crypto Unit KIV-7HS	32	26
DRSN Red Switch Phone	Crypto Unit KIV-7HS	2	8
	Pairgain LAN Modem	1	4
	Dual Phone Adaptor (DPA)	1	4
	Interface Telephone Unit (ITU)	1	4
Video Teleconferencing	Crypto Unit KIV-7HS	2	8
	Pairgain LAN Modem	1	8
	Audio Video Multiplexer	2	8
	Camera Unit	1	8
	Microphone	1	8

Table 16 ESKISEHIR

Main Function	Sub-Function	Tot Hrs	# Items or Events
IDS/Closed Circuit TV System	# Rooms (14)	n/a	n/a
	# Cameras (9)	n/a	n/a
	# Alarm Systems (11)	n/a	n/a
	Scheduled Maintenance	13	2
	Unscheduled Maintenance	8	1
	Administrative duties (all inclusive)	1	n/a
	Customer Training	2	n/a
LAN Administration	# Client Computers (22)	10	n/a
	# Work Orders	6	10
	LAN Administration/troubleshooting	24	3

	Administrative duties (all-inclusive)	2	2
	Customer Training	4	2
Intrusion Detection System	# Alarmed Facilities		
Maintenance			
	Scheduled Maintenance		
	Unscheduled Maintenance		
	Administrative duties (all inclusive)		
	Customer Training		

Table 17 ESKISEHIF	R	Apartmei	nt Bldg	CAOC	C-Six
Main Function	Sub-Function	Tot Hrs	# Items or	Tot Hrs	# Items or
			Event s		Event
Outside Plant	# Telephones	n/a	32	n/a	5
	# Work Orders	n/a	2	n/a	1
	# Inspections	n/a	n/a	n/a	n/a
	# Telephone Maintenance Records	n/a	n/a	n/a	n/a
	Administrative duties (all inclusive)	n/a	n/a	n/a	n/a
	Scheduled maintenance	n/a	n/a	n/a	n/a
	Unscheduled maintenance	n/a	4	n/a	1
	LAN cable installations	n/a	n/a	n/a	n/a
	LAN maintenance/troubleshooting	n/a	2	n/a	n/a

Table 18 ESKISEHIR

Main Function	Sub-Function	Tot Hrs	# Items or Event s
Closed Circuit TV System	# Rooms (14)	n/a	n/a
	Scheduled Maintenance	1	2
	Unscheduled Maintenance	2	1
	Administrative duties (all inclusive)	1	n/a
	Customer Training	2	n/a
Audio/Video Maintenance	# Cable drops (15)	n/a	n/a

PUBLICATIONS AND FORMS

3. GENERAL

Publications and forms applicable to the SOW are listed below. Contractor is obligated to follow those publications and use forms coded as mandatory to the extent (that is, a specified procedure in a paragraph, section, chapter or volume) specific to the SOW. Contractor shall be guided by those publications or use forms coded advisory to the extent necessary to accomplish requirements in the SOW. Some publications and forms listed are the electronically via Internet. It is the responsibility of the contractor to establish follow-on requirements with the Publication Distribution Office (PDO) if publications/forms are not available on the Internet.

Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. Contractor shall immediately implement those changes in publications, which result in a decrease, or no change in the contract price. Prior to implementing any such revisions, supplement, or amendment that will result in an increase in contract price, the contractor shall submit to the CO a price proposal and obtain the prior approval of the CO. Said price proposal shall be submitted with 30 calendar days from the date the contractor received notice of the revision, supplement, or amendment giving rise to the increase in cost of performance. Changes in the contract price due to supplements and amendments shall be considered under the "changes" clause. Failure of the contractor to submit a price proposal within 30 calendar days from the date of receipt of any chances shall entitle the Government to performance in accordance with such change at no increase contract price. It is the contractor's responsibility to ensure that all in mandatory publications are posted and up-to-date. Upon completion of the contract, the contractor shall return all listed publications to the Government.

These directives are considered as basic and establish minimum requirements. They are not to be considered all-inclusive. References made to additional directives in the basic or supplements, also will be considered as part of the SOW. Contractor is encouraged to maintain additional technical and administrative publications and forms as required.

3.1 REQUIRED PUBLICATIONS

Publication No.	Title
DOD	
DODD 4165.6	Real Property Acquisition, Management, And
DODD 4210.15	Hazardous Material Pollution Prevention
DODD 4640.13	Management Of Base And Long-Haul
DODD 5200.28	Security Requirements For Automated
DODD 5205.2	DoD Operations Security Program
DODD 5205.8	Access To Classified Cryptographic
DODDC 5200.5	Communications Security (COMSEC)

DODD 5220.22-S	COMSEC Supplement To Industrial Security Manual For Safeguarding Classified Information
DODI 3020	Continuation of Essential Contractor Services During Crises
DODI 3025.1	Manual for Civil Emergencies
DODI 4161.2	Management, Control, And Disposal Of
DODI 4161.2 DODI 4165.14	Inventory Of Military Real Property
DODI 4103.14 DODI 4640.14	
DODI 4040.14 DODM 4160.21	Base and Long-Haul telecommunications Defense Materiel Disposition Manual
DODM 4100.21 DODM 5220.22	
	National Industrial Security Program
DODR 4140.1	DoD Materiel Management Regulation
DODR 5200.1	DOD Information Security Program
Air Force	A' E EL C' DILL' L'I (CD
AFEPL	Air Force Electronic Publishing Library/CD
AFIND 9	Numerical Index Of Departmental Forms
USAF S-2A-1	Index Of USAF and DoD Federal Supply
AFI 21-102	Depot Maintenance Management
AFJI 21-106	Joint Regulation Governing The Use And
AFI 21-113	Air Force Metrology And
AFI 21-116	Communication-Electronics Equipment Maintenance
AFI 21-129	Two Level Maintenance And Regional Repair
AFH 21-130	Technical Analysis To Determine Criterion
AFJI 21-301	Interservicing Of Technical Manuals And
AFCSM 21-556V1	Core Automated Maintenance System
AFI 23-105	Spares Breakout Program
AFI 23-106	Assignment And Use Of Standard Reporting
AFI 23-111	Management Of Government Property In
AFJMAN 23-209	Storage And Handling Of Hazardous Material
AFMAN 23-215	Reporting Of Supply Discrepancies
AFH 31-103	Physical Security (FOUO)
AFI 31-601	Industrial Security Program Management
AFI 32-1031	Operations Management
AFI 32-1054	Corrosion Control
AFI 32-1064	Electrical Safety Practice
AFI 32-2001	The Fire Protection Operations and Fire Prevention Program
AFI 32-7045	Environmental Compliance Assessment And
AFI 32-9002	Use Of Real Property Facilities
AFI 33-101	Communications And Information
AFI 33-111	Telephone Systems Management
AFI 33-114	Software Management
AFI 33-119	E-Mail Usage And Management
AFI 33-202	Computer Security
AFI 33-204	Information Protection Security
AFI 33-205	Air Force Information Protective Metrics
AFI 33-206	Air Force Specialized Information
AFI 33-207	Computer Security Assistance Program
AFI 33-208	Information Protection Operations
AFI 33-210	Cryptographic Access Program
AFI 33-210 AFI 33-219	Telecommunications Monitoring and Assessment Program (TMAP)
AFI 33-275	Controlled Cryptographic Items (CCI)
AFI 64-106	Air Force Industrial Labor Relations Activities
AFI 65-601 V II	Budget Management For Operations

AFI 99-101	Developmental Test and Evaluation	
AFI 99-102	Operational Test and Evaluation	
AFI 99-109	Test Resource Planning	
AFM 33-225	Vulnerability and Incident Reporting	
AFM 65-662	C-E Equipment Status and Reporting System, Users Manual	
AFM 66-279 V2	Core Automated Maintenance System (CAMS) Inquires, Users Manual	
AFM 123-110	Standard Base Supply Customers Guide Vol.2, Part 13	
AFM 171-110 Vol. 3	Telecommunications Network Management	
AFOSHSTD 91-32	Emergency Shower And Eyewash Units	
AFOSHSTD 91-501	Air Force Consolidated Occupational Safety Standard	
	1 ,	
USAFEPAM 33-104	Storing Records On Disk - Guidance For	
AFSAL 3005	Safeguarding And Control Of DES And Associated Communications Security Aids	
AFSSI 3030	Protected Distribution Systems	
AFSSI 4001	Controlled Cryptographic Items	
AFSSM 4003	Emergency Destruction Of Communications	
AFSSM 5023	Viruses And Other Forms Of Malicious Logic	
AFSSI 5024V1	The Certification And Accreditation (C&A)	
AFSSI 5024V4	Type Accreditation	
AFSSI 5027	Network Security Policy	
AFSSI 5033	Telephone Systems Security	
AFSSI 7010	Emission Security Assessments	
KAM-529A/TSEC	Limited Maintenance Manual TSEC/KG-194/194a	
KAO-179	Operational Manual/KG-81	
KAO-184	Guidelines For The Use And Operation Of	
KAO-184 Guidelines For The Use And Operation Of KAO-210 Guidelines For The Use And Operation Of		
KAO-218	Operating Instructions For The KG-94/94a	
KOIKYK-18013	Operating Instructions	
KOI-18/KYK-13	Operating Instructions	
DISA Circulars/Notices	Operating instructions	
DISAN 210-0-1	DISA Circulars And Notices	
DISAC 220-15-1	DISA Area Outstanding DCS Facility Awards	
DISAC 310-50-5	DISA Operations Control Complex And	
DISAC 310-50-6	DCS Orderwire	
DISAC 310-55-1	Status Reporting For DCS	
DISAC 310-55-9	Base Level Support For The DISA Network/DISN	
	Circuit And Trunk File Data Elements And	
DISAC 310-65-1 DISAC 210-70-2		
	DISA General Messages Reporting Of DCS Facility And Link Data	
DISAC 300-85-1		
DISAC 300-175-9	DII Operating-Maintenance Electrical DII Technical Control	
DISAC 310-70-1		
DISAC 310-70-57	DII Quality Assurance Program Physical Security Measures For DCS	
DISAC 310-90-1	Physical Security Measures For DCS	
DISAC 310-130-1	Submission Of Telecommunication Service	
DISAC 310-130-4	Defense User's Guide To The Telecomm	
DISAC 330-115-1	Bulk Encryption In DCS And National Mil	
DISAC 350-195-2	Auxiliary Electric Power Systems	
DISA-DITCOC 350-135-1	Defense Commercial Communications	
DISAEN 200-0-1	DISA-Europe Numbered Publications	
DISAEC 210-70-1	General Messages	
DISAEC 310-140-2	Connection Approval Procedures	

DISAEC 310-195-1	Quality Assurance Program For The Defense	
DIS/IEC 310 173 1	Quanty Assurance Hogram For The Defense	

3.2 TECHNICAL ORDERS

Number	Title	
00-20-1	Preventive Maintenance Program General Policy Requirements And Procedures,	
	With Changes	
00-20-2	Maintenance Data Documentation	
00-20-3	Maintenance Processing Of Reparable Property And The Repair Cycle Asset	
	Control System	
00-20F-2	Insp And Preventive Maint Procedures For	
00-20-14	Air Force Meteorology And Calibration Program	
00-25-108	Communications-Electronics (C-E), With Changes	
00-25-195	AF Technical Order System Source, Maintenance And Recoverability Coding Of	
	Air Force Weapons, Systems And Equipment	
00-25-251	Instl, Opn, Maint, Care And Handling Instr	
00-35D-54	USAF Materiel Deficiency Reporting/Investigating System	
00-5-1	Air Force Technical Order System	
00-5-2	Technical Order Distribution System	
00-5-15	Air Force Time Compliance Technical Order System	
00-5-18	USAF Technical Order Numbering System	
0-1-31-1	General Ground Electronic Equipment	
0-1-31-4	Ground Radio Electronic Equipment	
0-1-33-1	General Purpose Test Equipment	
0-1-CD-1	Technical Order Catalogs, Indexes And Cross-Reference Table TOs	
12R2-2ARC164-32	Maint Instr Intmd AN/Arc-164(V) (Have Quick) (Magnavox)	
12R2-2ARC164-34	IPB AN/ARC-164(V) (Have Quick) (Magnavox)	
12R2-2ARC164-34-1	IPB Sup Mnl Have Quick Ii, AN/Arc-164(V) Rapid Sets (Magnavox)	
12R2-2ARC164-525 (TCTO)	Mod Of Radar Set Cntls AN/ARC-164(V) Radio Sets	
31-10-11	AF Communications Svc (E-I Standard)	
31-10-13	AF Communications Svc (E-I Standard)	
31-10-14	AF Communications Command (E-I Standard)	
31-10-2	Air Force Communications Command (E-I	
31-10-24	Installation Practices Comm Sys	
31-10-3	Air Force Communications Command (E-1 Standard) Standard Installation	
	Practices	
31-10-34	Standard Installation Practices Fiber Optic Communication Cable And	
	Connectors	
31-10-6	Standard Instl Practices, AF	
31-10-7	AF Communications Svc (E-I Standards)	
31-1-141-8	Basic Electronics Technology And Testing Practice Fundamental Measurements	
31-1-75	Maint Engineering Standard Gen Maint	

31R1-2GR-161	Antenna Assembly Type AT-197/GR	
31R1-2GR-241	Instl And P/B Antenna, Type AS-1097/GR (Aero Geo Astrc)	
31R1-2GR-251	Instr And P/B Antenna, Model AS-1097()/GR (Bendix)	
31R2-2F-256-WC-1	Scheduled Periodic Inspection Workcard, Antenna Type AS-4075/LTO	
31R2-2G-231	Opr And Maint Instr With IPB Control Monitor Group, Type OK-423/G (Aul Instr)	
31R2-2G-241	Combine Operation and Maintenance Instruction, IPB, Circuit Diagrams Antenna Type AS-3476G/AS-3477G/AS-3478G HTO	
31R2-2GRC-1232	Installation Service, Circuit diagrams and IPB-Antenna Type AS-3482/GRC Heavy Weight RLP	
31R2-2GRC-1236WC-1	Preventative Maintenance Workcards-Antenna Type AS-3482/GRC Heavy Weight RLP	
31R2-2GRC212-1092	Service Manual, Model 3900 Communications	
31R2-2GRC212-1131	Operations And Maintenance Manual Model	
31R2-2GRR-112	Svc Instr And Circuit Diagrams Radio Receiver, Type AN/GRR-23(V), -24(V) (International Telephone And Telegraph-Aerospace/Optical Division	
31R2-2GRR-116WC-1	Scheduled Periodic Insp Work cards Radio Receiver, AN/GRR-23(V), AN/GRR-24(V), Pn 8004203g-1 Thru 20	
31S-1-06-1	Work Unit Code Manual Depot, Intmd And Org Maint Ground Special Electronic Equip (Bendix)	
31S3-4-122-1	Opn And Service Instr With Parts Bkdn E Series 2040 Voice Logging Recorder Sys (Stancil)	
31S3-4-122-1TP-9	Opn And Service Instr With Parts Bkdn E Series 2040 Voice Logging Recorder Sys (Stancil)	
31W-1-102	Substation Maintenance	
31W1-2FCC100-1	Operators And Org Maint Instr	
31W1-2FCC100-2	Direct And General Support Maintenance	
31W1-2FCC100-4	Organizational Direct Support Mannenance	
31W2-4-330-12-1	Station Service Manual Vol I Books 20 - 22	
31W2-4-330-12-2	Station Service Manual Vol II Books 23 - 25	
31W2-4-330-2-1	Key Systems Service Manual Vol I - Books 23 - 23 Key Systems Service Manual Vol I - Books 11 - 13	
31W2-4-330-2-2	Key Systems Service Manual Vol II - Books 14 - 16 Key Systems Service Manual Vol II - Books 14 - 16	
31W2-4-330-22-1	Station Specialties Service Manual Books 26 – 28	
31W2-4-330-22-2	Service Instructions Vol II	
31W2-4-330-2-3	Key Systems Service Manual Vol III- Books 17 - 19	
31W3-3-6	Fundamentals of Telephony	
31W3-10-12	Outside Plant Cable	
31W3-10-13	Standard Installation Practices Outside Plant Cable Splicing	
31W3-10-14	Outside Plant Cable Termination	
31W3-10-15	Outside Plant Cable Testing	
31W3-10-20	Telephone Outside Plant Installation Drop And Block Wiring And Station Installation	
31W3-10-21	Outside Plant Cable Maintenance And Repair	
31W3-10-22	Telecommunication Engineering Outside Plant, Telephone	
31Z-10-40	Installation Instructions, Antenna Type AS-3472/G, AS-3473/G	
33A1-10-276-1	Instruction Manual Microwave Frequency	
33A1-10-287-1	Opn And Maint Universal Timer/Counter, Pn 1992-02M (Racal-Dana) (Coml Mnl 980636)	
33A1-12-1126-11	Operation And Maintenance Instr Manual With Parts List Digital Multimeter, Model 8800A/AA, (John Fluke) (Commercial Manual)	
33A1-12-1148-1	Maintenance Instruction Manual With Parts List Multimeter, Model 8040A (John Fluke Mfg Co Inc) (Coml Mnl)	
33A1-12-1149-1	Operation And Maintenance Instr Manual	

33A1-12-1198-1	Instruction Manual With Parts List Multimeter, Pn 8025A (Fluke Inc) (Coml Mnl)
33A1-12-1292-1	Operator □S, Organizational, Direct Support, And General Support Maintenance Manual Multimeter, Digital AN/PSM-45 (NSN 6625-01-139-2512)
33A1-12-607-1	Instr Manual Thruline RF Directional Wattmeter, Model 43 (Bird Electronic)
33A1-12-649-1	Opr Instr Adjustable Attenuator, Type 874-GAL (Coml Mnl) (General Radio)
33A1-12-664-1	Instr With P/B Bridging Transformer, Mod 11005A (Coml Mnl) (Hewlett-
33711 12 00 1 1	Packard)
33A1-12-668-1	Instr And P/B Termaline Radio Freq Wattmeter, Model 694 (Bird Electronic) (Coml Mnl)
33A1-12-848-1	Opn And Svc Instr W/Pl Voltmeter, Model 427A, C02-427A (Hewlett-Packard) (Coml Mnl)
33A1-13-373-1	And Svc Instr Adapters, Model 281a/B
33A1-13-393-41	Opr And Svc Instr Spectrum Analyzer, If
33A1-13-451-1	Opr And Maint Instr With IPB Oscilloscope, Type AN/USM-398 (Ballantine) (Fsn 6625-148-9406)
33A1-13-584-1	Opr Mnl 2246 1Y And 2246 Mod A Portable Oscilloscopes Operators Sn
22 4 1 2 220 1	B100100 And Above (Commercial Manual (Tektronix)
33A1-3-330-1	Opr And Svc Instr Portable Test Set, Model 3550A (Hewlett-Packard) (Coml Mnl)
33A1-3-330-11	Opr And Svc Instr Portable Test Set, Model 3550B-H02-3550B, C15-3550B
	(Hewlett-Packard) (Coml Mnl)
33A1-4-5-1	Instr Book Test Sets AN/PSM-1, -2 (Holtzer-Cabot)
33A1-5-219-1	Opr And Svc Instr Distortion Analyzer, Mod 331A, 332A (Hewlett
	Packard)(Coml Mnl)
33A1-5-269-11	Opr And Svc Instr Distortion Analyzer, Model 333A, 334A (Hewlett Packard) (Coml Mnl)
33A1-5-422-2	Svc Instr With Pl Digital Voltmeter (Option 021) For Universal Counter,
	Model 5328A (Hewlett-Packard) (Commercial Manual)
33A1-7-270-1	Opn And Svc Manual Power Sensor, Model
33A1-7-272-11	Opn And Serv Manual Power Meter, P/N Hp
33A1-8-760-31	Opn And Svc Manual Signal Generator, Model 8640B, Including Options 001, 002, And 003, Pn 08640-90186 (Hewlett-Packard) (Coml Mnl)
33AA18-20-1	Identifies A Commercial Manual Titled Opr Instr Probe, Type 6007, P/N 010-0150-00, -0134-00, -0165-00, -0162-00, -0152-00, -0136-00, -0154-00, -0138-00 (Tektronix)
33AA18-22-1	Identifies A Commercial Manual Titled Opr Instr Probe, Type P6010, P/N 010-0188-00, -0185-00, 0201-00 (Tektronix)
33AA18-9-1	Opr & Maint Instr Probe, Type P6011, Pn 010-0193-00, -0190-00, -0229-00 (Tektronix) (Coml Mnl)
33AA36-10-1	Opr Instr Coaxial Attenuators, Model
33D7-10-112-1	Opn And Svc Manual Microwave Spectrum
33D7-10-112-1 33D7-10-147-1	Operators Instruction Spectrum Analyzer,
33D7-10-147-2-1	Service Instruction Spectrum Analyzer, Pn
33D7-10-147-2-2	Service Instruction Spectrum Analyzer, Pn
33D7-10-163-1	Operators Manual Spectrum Analyzer Pn 494/494p (Tektronix) (Coml Mnl)
33D7-10-163-12-1	Spectrum Analyzer (Model 494a)
33D7-10-103-12-1 33D7-10-65-1	Opr And Svc Instr Spectrum Analyzer,
33D7-10-03-1 33D7-29-54-1	Svc Instr With Pl Transmission Test Set,
33D7-29-60-2	Service Manual Transmission Test Set, Service Manual Transmission Test Set, Pn 42
JJD1-47-00-4	Service manual Transmission Test Set, Fil 42

33D7-50-159-1	Opr And Maint Instr With Ipb Radio Test Set, Type AN/ARM-173, Test	
	Adapter, Type MX-9530/ARC (Magnavox)	
33D7-50-159-1-2	Supplementary Manual Opn And Maint Instr With IPB Radio Test Set, Type	
	TS-3919/ARM-173, Pn 706843-801 (Magnavox)	
33D7-77-11-1	Opr And Svc Instr With Pl Display Section,	
33D9-57-118-1	Operators Manual Digital Multimeter, True RMS Model 467, With Dialog	
	Display (Simpson) (Coml Mnl)	
33D9-57-118-2	Service Manual True RMS Peak Hold Reading Digital Multimeter, Model	
	467, Bulletin 10-81 (Simpson Electric Co) (Commercial Manual)	
33DA52-14-1	Operation And Service Instr – Microwave	
33K-1-101-CD-1	Calibration Standard & Associated Equipment (On CD ROM Only)	
33K-1-102-CD-1	Calibration Procedure Metrology Information & Document Auto Sys	
33K3-4-318-1	Calibration Procedure – Transmission	
33K8-4-265-1	Calibration Procedure Digital Multimeter	
35C1-2-1035-2	Field Maint Instr Pwr Sply Model PP-7975/TRC	
35C1-2-262-1	Instr With Pl DC Power Supply, Model 6439B (Hewlett-Packard)	
35C1-2-452-1	Instr Regulated Power Supplies, Lcs-B	
35C1-2-844-1	Opr, Org, Ds And Gs Maint Instr 48 Volt Pwr	
35C1-2-844-4	Opr, Org, Ds And Gs Maint Repair Parts And	
35CA28-4-1	Instr Mnl Rack Adapters, Lra-14, Lra-15,	
35E28-8-2	Svc And O/H Instr With IPB Air Dryer, Model	
35F5-2-4-13	O/H Instr With P/BLight, Traffic, Acft, Type SDU 4/U, Spec Mil-L-25971	
	Model 975 (Multi-Electric)	
49B3-49-1	Opr And Maint With IPB – RF Oscillator Model	
49B3-58-2	Intmd Maint Instr Time Signal Set, AN/TRC-187A, Pn 901634-802	
	(Magnavox)	
49B3-58-3	Maint Instr (Ovhl) Time Signal Set, Pn 901634-802 (Magnavox)	
49B3-58-4	IPB Time Signal Set, AN/TRC-187A Pn 901634-802 (Magnavox)	
AFPD 21-3	Technical Orders	

3.3. COMMERCIAL MANUALS

Manufacturer	Equipment Nomenclature	Title Manual	
	Recovered Clock Monitor	Operation & Maintenance Instructions	
	AN/FCC-100 3x, 5 & 6		
	AN/FCC-100 (V)5x		
	AN/FCC-100 (V)3x		
	AN/FCC-100 (V) 3x, 5&6		
	Universal Rack And Panel, Fuse		
	604M Data Transmission Test Set	Operation And Maintenance Manual	
	604M Test Set Model - Addendum	Operation And Maintenance Manual	
	Model ATB-6C Audio Test Bay	Operations Manual	
	Model 30678 Data Interface (DDS DSO A/B)	Operating Manual	
	Model 40540 Data Interface (DS1/T1/D4ESF/SLC-96)	Operating Manual	

	Model 40226 Unbalanced Interface (Mil-188C/Mil-188-114)	Operating Manual
	Static Inverters	Technical Manuals
	Fiber Optic Transmission Equipment Communication System FOTO II	CS Operation And Maintenance Manual
	Multi-Circuit Patching System	Technical Manual
	Model DCP-100 DC Patch Bay	
Alcatel	T1 Digital PCM Span Line	Operation - Installation - Maintenance Manual
AT&T	DPAS	All Manuals
Austron	Disciplined Frequency Standard	Operation & Maintenance Manual
Austron	Frequency Multiplier	Operation & Maintenance Manual
Austron	Standby Power Supply	Operation & Maintenance Manual
Austron	LF Multifilter	Operation & Maintenance Manual
Austron	Model 2010B Disciplined Frequency Standard	Operation & Maintenance Manual
Austron	Model 2084 LF Multi Filter	Operation & Maintenance Manual
Austron	Model 2100F Loran C Frequency Monitor	Operation & Maintenance Manual
Austron	Frequency Multiplier	Operation & Maintenance Manual
Austron	Model 1290A Standby Power Supply	Operation & Maintenance Manual
Aydin	604M Data Transmission Test Set Operation & Main	
Ballantine	ntine 6000 Communications Analyzer User's Guide	
CM 36A12-24-30-1		Construction Vehicle Commercial Manual (Reach All)
CM 36C6-18-1-1		Ditch Winch Cable Trenching Vehicle
Codex	Codex 2600 Modem User's Manual	
Codex	9600 Data Modem Operation Manual	
Codex	MX2400 Modem	User's Manual
Codex	2510 Modem	User's Manual
Codex	2171 LDM Modem	Operation & Installation Guide
Codex	2520/2540 Modem	User's Manual
Codex	2170 Multiple Nest	Operation & Installation Guide
Devilbiss	Air Compressor	Owner's Manual
Digiac	Model T251 DC Power Regulator	

Eip	Models 545A And 548A Microwave Frequency Counters	Operating Manual
ETL 87-9		Prewiring DoD Buildings, Criteria and Standards for Construction
Fibermux Corporation	FX 4400 High Capacity Multiplexer	
Firebird	6000 Remote Control	Operating Commands Manual
Fluke	AN/77	Operator Manual
Fluke	BN/77	Operator Manual
Fluke	8000A Digital Multimeter	Instruction Manual
Fluke	8010M Digital Multimeter	Operations Manual
Fluke	8060A Digital Multimeter	Instruction Manual
GNB	Absolyte II Stationary Battery System	Installation & Operating Instructions
GNB	Stationary Batteries Dry Uncharged	Initial Charge & Filling Instructions
Gould	Battery Bank	Instruction Manuals
Gould	Stationary Battery	Installation & Operating Instructions
GRM	Models FP-40, 40A, 40B Fuse Panels	
Harris	Digital Versat1lity Light wave Multiplexer-Demultiplexer Assembly	Installation & Operations Manual
Hewlett Packard	Power Supply	Operating & Service Manual
Hewlett Packard	HP-83/85	Matrix Rom Manual
Hewlett Packard	HP-IB Interface	Owner Manual
Hewlett Packard	I/O Rom	Owner Manual
Hewlett Packard	HP-85 Standard Pac	
Hewlett Packard	HP-85	Owner Manual
Hewlett Packard	8552B Spectrum Analyzer If Operating & Servicing If Section	
Hewlett Packard	8552B Spectrum Analyzer If Operation Information Section	
Hewlett Packard	8555A Spectrum Analyzer RF Section	Operation Information
Hewlett Packard	Model 1105A Bridging Transformer	Operating & Service Manual
Hewlett-Packard	Model 3780A Pattern	Operating Manual
Hewlett-Packard	Generator/Error Detector Model 3780A Pattern Generator/Error Detector	Operating & Service Manual
Hewlett-Packard	8568B Spectrum Analyzer	Operating & Programming Manual
Hewlett-Packard 8568BSpectrum Analyzer		Performance Tests & Adjustments Manual

Hewlett-Packard	436A Power Meter	Operating & Service Manual
Hewlett-Packard	8568B Spectrum Analyzer	Operator Handbook
Hewlett-Packard	8481A/82A/83A Power Sensor	Operating & Service Manual
Hewlett-Packard	Regulated DC Power Supply	
Hughey & Phillips	LC5621 Lighting	Installation & Maintenance Instructions
Hughey & Phillips	LC5320 Combiner Relay Box	Installation Instructions
Hughey & Phillips	MA203 Tower Lighting Control Unit	Installation Instructions
Lambda	Power Supplies	Instruction Manuals
Lambda	Rack Adapters	
Lambda	LGS-EE Series Regulated Power Supply	
Lambda	#13584 Regulated Power Supply	
Lorain	Assembly Rectifier	Warranty & Assembly Instructions
Loran	C/CdS-10	Quick Reference Guide
Racal	Milgo 26 Modem	User's Guide
Racal	Milgo 26 Modem LSI Mark Ii	Installation & Operation Manual
Racal	Vadic VI 1614 Multiple Modem	Chassis Configuration Guide
Racal	Milgo Modem Comm-Link Iii	Installation & Operation Manual
Racal	Vadic VI 1222 Modem	Installation & Operation Manual
Racal	Milgo Omnimode 96	Reference Manual
Sencore	TF46 Tester - Transistor Or FET	Operations Manual
Simplex	Load Bank, Model LB 125	Operations Manual
Tektronix	P6106 Passive Probe Operations Manual	
Tektronix	P6101a Ix Passive Probe	Instruction Sheet
Tektronix	P6106 Passive Probe Instruction Manual	
Tektronix	P6106A 10x Passive Probe Instruction Manual	
Tektronix	P6109 10x Passive Probe Instruction Sheet	
Tektronix	P6401 Logic Probe	Data Sheet
Tektronix	P6062B Passive Probe	Operations Manual
Tektronix	475M Oscilloscope Instruction Manual	
Tektronix 466/464 Oscilloscope And DM44 Institute Digital Multimeter		Instruction Manual

Tektronix	475M/475A Oscilloscope And DM44 Digital Multimeter		Instruction Manual
Tellabs		Echo Cancellers	Technical Manual
Tellabs		Wire-To-4 Wire SF-To- Cerminal Interface Module	Installation & Operations Manual
Tellabs	6008B	FXO-To-E&M Signaling ter Subassembly	Installation & Operations Manual
Tellabs	6047 A	nd 6047a 4 Wire-To-4 Wire E&EM Terminal Repeaters	Installation & Operations Manual
Tellabs	16C-00	tus Cases	Operations Manual
Tellabs		oder 83.4511	Operators Guide And Manual
Tellabs	451A N	Mounting Assembly	Technical Manual
Tellabs	451B N	Nounting Assembly	Technical Manual
Tellabs	4511 T	-Coder	Technical Manual
Tellabs	8102 R	inging Generator	Installation & Operations Manual
Tm Systems	Multici	rcuit Patching System	Technical Manual
Truetime	GPS-D	c Mk Iii	Operation Manual
Truetime	GPS-D	c Mk Iii	Operating & Service Manual
Trygon Electronics	D140-1	Power Supply	Instruction Manual
United Detector Technology	Model	161 Optometer	Operations Manual
United Detector Technology	Model	80X Optometer	Operations Manual
Versitron	CDS 10)	Application Data
Versitron	Local I	Distribution Phaser	Technical Manual
Versitron	Local I	Distribution Phaser	Technical Manual
Wescom	4101 98 Module	8 VDC Transfer Relay	Installation Manual
Wescom	_	uxiliary Line Relay Module	Installation Manual
Wescom	4285-00 And 4286-00 Fuse And Distribution Modules		Installation & Operations Manual
Zettler	Alarm And Control Panel		
Additional Commercial Publication			Title
ED 100-7		Redlines	
	ANSI/TIA/EIA 568-A Commercial Building Telecommunications Cabling Standard		
ANSI/TIA/EIA 569-A		Commercial Building Standa and Spaces	ard for Telecommunications Pathways
ANSI/TIA/EIA 570		Light Commercial/Residenti	al Wiring
ANSI/TIA/EIA 606		Administration Standard for the Telecommunications Infrastructure of Commercial Buildings	
ANSI/TIA/EIA 607		Commercial Building Grounding and Bonding Requirements for Telecommunications	

IEEE 802.10	Standard for Interoperable LAN/MAN Security (SILS)
IEEE 802.3U	100BaseT and 100BaseX Standards
IEEE 802.6	MAN System Requirements
IEEE 802.8	Fiber Optic Advisory Board Standards
IEEE 802.9	Integration of Voice and Data Systems
NFPA 70	National Electrical Code
OSHA Regulations (www.osha.gov)	OSHA Regulations, Documents & Tech Information, CFR Title
	29, Parts 1900 – 1990
SP2840	Category 5 Component Specifications
TSB 36	Cable Requirements for Digital Systems
TSB 40	Termination Components
TSB 67	Cable Testing
UL Standards	Cat 5 UTP Wire

39 COMMUNICATIONS SQUADRON OPERATING INSTRUCTIONS/MANUALS/LOCAL PROCEDURES

Publication No.	<u>Title</u>
39 CSOI 21-101	Maintenance Management of Communications- Electronics
39 CSOI 21-102	Restoration and Job Priority

AIR FORCE FORMs

Form No.	<u>Title</u>			
AF Form 601	Equipment Action Request			
AF 1072	Authorized Long Distance Telephone Calls			

REQUIRED REPORTS

Unless specified otherwise, reports submitted in contractor's format are acceptable.

	Title	PWS Paragraph	Remarks	Frequency	Format	Distribution
1	Rescheduled/Delete PMIs	1.1.2	Submit report NLT 1 day prior to rescheduled date or original date	See Remarks Column	Electronic	QAP Office
2	Status Report	1.1.6	Provide status briefing information to host unit Chief of Maintenance.	As required by Host Unit	Electronic	Host Unit Maintenance Control, QAP Office,
3	Standby Schedule	1.1.6.1	Submit standby schedule with names and contact number NLT 1 duty day prior to change	See Remarks Column	Electronic	Host Unit Maintenance Control, PWCS Mgr
4	Telephone Terminal Verification	1.2.4.4	Submit Telephone Terminal Verification report every 18 months. Start of contract period	See Remarks Column	Electronic	Host Unit SCM, QAP Office
5	Telephone Directory	1.2.5	Submit telephone directory annually; submit monthly updates electronically, EOY calendar year, December and updated by the 25 th of each month	See Remarks Column	Electronic	Host Unit USAFE SCXC, USAFE CONS, QAP Office
6	Safety Plan	1.5.3	Provide NLT 30 Calendar days after Contract start date and within 30 Calendar days of any change	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
7	Budget Submission	1.5.5	Submit consolidated budget requirements at least annually that encompasses each work center and operation (Feb. of ea. Year)	See Remarks Column	Electronic	Unit Flight Commanders, USAFE SCXC, QAP Office
8	Facility Modification Proposal	3.1	Submit all requests to Government for approval prior to property	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office

			modifications			
9	Equipment Replacement Request	3.2	Submit request for replacement equipment to host base unit for approval/purchase	See Remarks Column	Electronic	Unit Flight Commanders, QAP Office
10	GFP/GFE Damage report	3.2	Submit all damaged GFP/GFE NLT 2 duty days after occurrence	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
11	Inventory	3.2.5	First submission will be NLT 15 calendar days after contract start and Annually NLT 15 calendar days of start of new option period	Annually	Electronic	USAFE SCXC, USAFE CONS, QAP Office
12	Property Control Plan	4.1	Provide NLT 30 Calendar days after Contract start date and within 30 Calendar days of any change	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
13	Security Plan	4.1	Provide NLT 30 Calendar days after Contract start date and within 30 Calendar days of any change	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
14	Telephone Control Plan	4.1	Provide NLT 30 Calendar days after Contract start date and within 30 Calendar days of any change	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
15	Phase-in Plan	4.1	Provide NLT 30 Calendar days before Contract Phasein starts.	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
16	Employee Listing	4.1	Provide NLT 5 Calendar days after changes occur	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
17	Quality Control Plan	4.1, 4.5	Provide NLT 30 Calendar days after Contract start date and within 30 Calendar days of any change	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
18	Employee Misconduct/Host Nation Incident	4.3.1	Submit report stating individual and description of incident or misconduct within 5 working days	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
19	Project Manager	4.3.3	Submit name NLT 5 days after award of contract	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office
20	Quality Control Program	4.5	Submit all QCR reports within 5 working days of completion	See Remarks Column	Electronic	Unit Flight Commanders, QAP Office
21	Workload Estimate Updates	TE-2	Submit updates to workload estimates as required, per Contracting Officer	See Remarks Column	Electronic	USAFE SCXC, USAFE CONS, QAP Office